

JANUARY 1958

VOLUME 4 - NUMBER 1

CONSTRUCTION REVIEW

Featured in this issue . . .

**SHIPMENTS OF WOOD
PRODUCTS USED IN
CONSTRUCTION**

**CHANGES IN INTEREST
RATES ON RESIDENTIAL
MORTGAGES**

- *Expenditures*
- *Starts*
- *Materials*
- *Awards*
- *Permits*
- *Costs*
- *Employment*

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Construction Review is prepared under the direction of

Walter W. Schneider, Director
Office of Construction Statistics

Arnold E. Chase, Chief
Division of Construction Statistics

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Inquiries on the content may be addressed to Construction Review, in care of either agency.

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Use of funds for printing this publication approved by the Director of the Bureau of the Budget (December 16, 1954).

At a Glance

CONSTRUCTION ACTIVITY IN 1957--Expenditures for new construction in 1957 totaled \$47.3 billion--about 3 percent above the record \$46.1 billion spent in 1956. Primarily because of the decline in private dwelling unit construction, last year's overall rate of increase in total construction activity was the smallest in the 12 years since the end of World War II. The record \$33.3 billion spent for private construction in 1957 was only slightly above the 1956 figure, whereas public outlays rose 9 percent to a new high of \$13.9 billion. The \$1.3-billion drop from 1956 to 1957 in new private housing outlays was offset by gains in all other types of private work except store and school building. Highway and school construction contributed most to last year's \$1.1-billion increase in the public total, but almost all other public construction categories also showed increases from 1956.

HOUSING STARTS IN NOVEMBER--Nonfarm housing starts declined seasonally in November (by 18 percent) to 78,000 but were slightly above November 1956. Private starts decreased no more than usual in November, but public starts were down sharply from the relatively large number begun in October. Private and public units begun during the first 11 months of 1957 totaled 975,300 (including 48,600 publicly owned), virtually assuring a total of a little over 1 million housing starts for the year 1957. The 75,700 private houses and apartments begun in November represented a seasonally adjusted annual rate of 1,010,000 units, marking the seventh successive month that the rate was at, or close to, 1 million. However, data for January to November 1957 indicate an annual total of less than a million private units for the year 1957, because of relatively lower volume during the first 4 months.

FHA-VA ACTIVITY IN NOVEMBER--FHA-assisted housing starts declined 20 percent in November but were ahead of the corresponding year-ago volume for the third successive month. Starts under the VA program, however, were at the lowest point since these figures were first reported in mid-1950, having dropped 34 percent in November. At the end of the first 11 months, FHA starts accounted for about the same proportion of total private starts in 1957 as in 1956--17 percent--but the VA share shrank from 25 percent in 1956 to 13 percent in 1957. Further declines in VA starts were indicated by the 42-percent drop in appraisal requests in November, which brought this series to a new low. FHA mortgage-insurance applications--though down in November--were above the corresponding 1956 volume for the sixth straight month. For the January-November period, FHA applications were 3 percent higher in 1957 than in 1956, but VA appraisal requests were down 59 percent.

NONFARM MORTGAGE RECORDINGS IN OCTOBER--The value of nonfarm mortgages recorded in October advanced 10 percent to \$2,226 million--8 percent below October 1956, but higher than for any month since that time. Although all types of mortgagees shared in the September-October 1957 gain, only savings and loan associations matched the October 1956 figure. Declines over the year ranged from 2 percent for individual lenders to 28 percent for mutual-savings banks. During the first 10 months of 1957, recordings of home mortgages totaled \$20,516 million or 11 percent less than in the same 1956 period. Activity of all institutional groups declined over the period, but commercial banks accounted for more than two-fifths of the overall decrease. The average mortgage amount in October 1957 was \$7,563--the highest monthly average since December 1956, and above the same year-ago month for the first time since February 1957.

BUILDING PERMIT ACTIVITY IN NOVEMBER--Building permit valuations declined 25 percent in November to \$1.2 billion, with the loss spread among all major types of building. Valuations for the first 11 months were 5 percent less in 1957 than in 1956, owing mainly to the lag in homebuilding and some slackening in industrial and store building. Despite the downtrend in housing nationally, in some large metropolitan areas--including Baltimore, Birmingham, Miami, Phoenix, and San Diego--the new dwelling-unit count by the end of the third quarter was substantially higher in 1957 than in 1956.

PUBLIC CONTRACT AWARDS IN OCTOBER--The value of public contracts awarded in October rose 20 percent to \$879 million and was 5 percent greater than the comparable 1956 total. For the first 10 months of 1957, public award values totaled \$9.8 billion or 12 percent more than for January-October 1956, mainly because of sizable

At a Glance

dollar increases in Federal awards for military (Capehart) housing and in State and local contracts for roads (mostly Federal-aid projects) and schools. Awards values were lower in 1957 for sewer and water systems, electric power projects, State and local conservation and development projects, federally owned warehouses, and troop housing.

CONSTRUCTION CONTRACTS IN NOVEMBER AND DECEMBER--The value of construction contracts for the first 11 months of 1957, as reported by the F. W. Dodge Corp., was 2 percent ahead of the same 1956 period. Engineering awards contributed most to the gain, the largest increase having been the 11-percent rise in utilities, while the public works group was ahead by 3 percent. Residential and nonresidential building showed modest gains of 1 percent each.

Reports of the Engineering News-Record on the value of large construction contracts awarded during the year 1957 show a significant decline from 1956. Total construction awards were down 17 percent; the private sector dropped 38 percent, whereas public construction awards rose 17 percent. At the end of 1957, awards for highways and bridges continued to show strength, in contrast with the declining trend for building construction.

CONSTRUCTION COSTS IN NOVEMBER--Stability of construction costs during the second half of 1957 is indicated by the Department of Commerce composite index which stood at 138 (1947-49=100) in November, for the fifth consecutive month. Although the index was up 3 percent from a year earlier, it had risen less than 1 percent since last June.

BUILDING MATERIALS PRICES IN NOVEMBER--The November index of wholesale prices of building materials remained at the October level of 130.2 (1947-49=100)--1 percent below the November 1956 index. Prices of many building materials showed no change from October, and fluctuations for other items generally were small. Fractional increases occurred over the month for linseed oil, Southern pine lumber, and maple flooring; and rises of 3 percent were noted for copper water tubing, building wire, and fans and blowers. However, these increases were offset by declines of 1 percent in prices of Douglas fir lumber and softwood plywood and a seasonal drop of about 4 percent for all types of metal screening. Over the year, prices have advanced for such basic items as structural shapes, concrete ingredients, asphalt roofing, metal kitchen cabinets, finish hardware, and softwood plywood; declines from November 1956 were noted for lumber, plumbing equipment, and metal sash.

CONSTRUCTION MATERIALS OUTPUT IN OCTOBER--The output of most major construction materials rose seasonally in October. Heating and plumbing equipment and portland cement were the only important materials registering declines. Despite the drop from September, cement production was still 4 percent above October 1956, establishing a new high for the month. Only the asphalt products group also exceeded the year-earlier level. Notwithstanding declines from October 1956 levels, iron and steel products and paint, varnish, and lacquer were above all previous Octobers. Heating and plumbing equipment and clay construction products showed the largest decline from 1956.

CONTRACT CONSTRUCTION EMPLOYMENT IN NOVEMBER--Contract construction employment declined more than seasonally in November by 183,000, to 3,037,000, and was below the corresponding 1956 level for the fourth successive month. Data available through October indicate that the decrease from a year earlier occurred in over half the States, and affected workers engaged by plumbing and heating and general building contractors. Employment in nearly two-fifths of the States, in all the other special trades, and on nonbuilding construction set an October record in 1957.

HOURS AND EARNINGS IN OCTOBER--Hourly earnings in contract construction maintained the record average of \$2.94 in October, but a slight reduction in the workweek (to 37-1/2 hours) brought average weekly earnings down to \$110.25. This was 82 cents below the peak established in August but was an alltime October high. Compared with a year earlier, average earnings in October 1957 were higher by \$3.11 weekly or 15 cents hourly, and the workweek was 0.9 hour shorter. Over the year, gains in hourly pay occurred on all types of contract construction. Average weekly earnings also were higher in 1957 for all types of work except highway construction which showed the greatest decline in the workweek.

Shipments of Selected Wood Products Used in Construction, 1947 and 1954-55

S. E. DRIMMER*

The value of manufacturers' shipments of wood flooring, plywood, prefabricated wood buildings, and certain forms of millwork more than doubled between 1947 and 1955, according to data obtained from the 1955 Annual Survey of Manufactures and the Census of Manufactures for the years 1947 and 1954. These products are used primarily in construction, and while individually the changes in the value of shipments varied quite widely from the 1947 level, their aggregate 117-percent rise coincided with the 118-percent rise in the value of construction over the 8-year period (table 1).

TABLE 1.—MANUFACTURERS' SHIPMENTS OF SELECTED WOOD PRODUCTS, 1947 AND 1954-55

Product	Value (in thousands)			Percent change	
	1955	1954	1947	1947-55	1947-54
Flooring:					
Hardwood	\$229,113	\$176,436	\$84,440	+171	+109
Softwood	31,689	30,324	51,184	-38	-41
Millwork:					
Windows ¹	171,575	154,349	94,500	+82	+63
Window and door frames	96,226	76,329	59,777	+61	+28
Doors ²	292,333	257,927	144,360	+103	+79
Cabinet work, to be built in	(3)	84,856	47,213	--	--
Interior trim and molding	153,885	131,766	69,870	+120	+89
Plywood:⁵					
Hardwood plywood	192,564	145,693	123,327	+56	+18
Softwood plywood, interior type	311,914	247,841	78,334	+298	+216
Softwood plywood, exterior type	118,674	87,266	51,792	+129	+68
Prefabricated buildings, wood	202,462	174,088	72,995	+177	+138

Source: Bureau of the Census, 1955 Annual Survey of Manufactures.

¹ Including units, sash, and combination screen and storm sash.

² Including combination screen and storm doors.

³ Data not available.

⁴ Not comparable with subsequent years; 1947 includes shipments of cabinets to be combined with other units to form a built-in unit, while other years exclude such cabinets.

⁵ Excludes nonwood face plywood.

Wood Flooring

Marked by divergent trends, shipments of hardwood and softwood flooring combined rose approximately 92 percent to a total of \$260.8 million between 1947 and 1955; hardwoods, used primarily in housing construction, increased 171 percent, while softwoods experienced a decline of 38 percent. In 1954, the latest year for which Census data show quantity and detailed shipments, the physical volume had increased about 25 percent over the 1947 level to 1.5 billion board-feet. The value of shipments, however, reflecting a pronounced change in the product mix, rose 52 percent to \$206.8 million (table 2).

The end of the war in 1945, followed by a tremendous increase in construction activity, witnessed an unprecedented demand for hardwood flooring. Stimulated by the trend toward greater use of this better quality flooring in housing, production increased sharply; nevertheless, acute shortages developed, and prices increased. In 1947, when production of hardwood flooring had established a record high, shipments reached a level of 595 million board-feet, accounting for 48 percent of the total wood flooring shipped. Expansion of the industry continued, and by 1954 hardwood shipments had doubled, reaching 1.2 billion board-feet, its share of the market rising to 79 percent. During this same period, softwood flooring underwent a sharp decline in volume, dropping to 315 million board-feet, or 50 percent of its

* Of the Office of Construction Statistics, Business and Defense Services Administration, U. S. Department of Commerce.

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1947 level. The average unit value of shipments of hardwood flooring, at an abnormal level of \$142 per thousand board-feet in 1947, rose only nominally by 1954 to \$146, while that of softwood increased from \$81 to \$96.

TABLE 2.—MANUFACTURERS' SHIPMENTS OF WOOD FLOORING AND PLYWOOD, ¹ 1947 AND 1954

Product	Unit	1954			1947		
		Quantity	Value (in thousands)	Average value per unit	Quantity	Value (in thousands)	Average value per unit
Flooring:							
Hardwood							
Oak	M bd. ft.	1, 115, 120	\$162, 023	\$145	470, 689	\$69, 447	\$148
Maple	M bd. ft.	44, 903	8, 634	192	63, 632	8, 951	141
Other	M bd. ft.	40, 979	24, 311	105	60, 311	6, 042	100
Softwood	M bd. ft.	315, 749	30, 324	96	632, 625	51, 184	81
Plywood:							
Hardwood							
Veneer core	M sq. ft.	744, 252	116, 188	³ 156	738, 425	117, 124	159
Lumber core	M sq. ft.	65, 834	23, 953	³ 364			
Container and packaging type	M sq. ft.	102, 301	5, 552	54	119, 556	6, 203	52
Softwood, interior	M sq. ft., 3/8 in.	3, 071, 060	247, 841	81	1, 017, 321	78, 334	77
Softwood, exterior	M sq. ft., 3/8 in.	903, 317	87, 266	97	574, 313	51, 792	90

Source: Bureau of the Census, Census of Manufactures, 1947 and 1954.

¹ Excluding nonwood face plywood.

² Excludes shipments valued at \$1,468,000 for which quantity was not reported.

³ Average value of veneer and lumber core combined is \$173.

TABLE 3.—MANUFACTURERS' SHIPMENTS OF WOOD WINDOWS AND DOORS, 1947 AND 1954

Product	Value (in thousands)		Percent change, 1947-54
	1954	1947	
Wood windows:			
Sash and window units	\$141, 302	\$63, 309	+123
Knock-down sash	7, 770	(1)	--
Open sash	16, 984	(1)	--
Glazed sash	27, 024	(1)	--
Window units	89, 524	(1)	--
Combination screen-storm sash	5, 312	19, 599	-73
Storm sash	7, 735	11, 592	-33
Wood doors:			
Panel and flush types	182, 660	100, 376	+82
Panel	51, 550	(1)	--
Flush:			
Hollow core	101, 259	(1)	--
Solid core	29, 851	(1)	--
Combination screen-storm	15, 378	10, 989	+40
Garage	40, 039	22, 000	+82
Other	19, 850	10, 995	+81

Source: Bureau of the Census, Census of Manufactures, 1947 and 1954.

¹ Data not available.

Oak flooring, the most widely used of the woods, increased its proportion of total wood flooring shipments substantially between 1947 and 1954. Of the total wood flooring shipped in 1947, 471 million board-feet, or 38 percent, was oak; by 1954, it had risen 137 percent to 1.1 billion board-feet, representing 73 percent of the total. At the same time, the average unit value of shipments actually declined from \$148 to \$145 per thousand board-feet.

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Millwork

The value of shipments of wood windows in 1954 reached \$154.3 million, compared with \$94.5 million in 1947. The expansion in this market was limited to a great extent by the strong upward trend in shipments of metal windows during this period, the effect being most pronounced in the screen and storm sash segment. In 1947, storm sash and screen-storm combinations accounted for one-third of the value of wood window shipments, but by 1954, when shipments were 58 percent below 1947 in value, they had dropped to only 8 percent. Although the value of shipments of other types of wood windows had more than doubled during this period, the severity of the screen-storm window decline limited the overall rise to 63 percent (table 3).

Wood doors increased in value of shipments to a greater extent than did wood windows, exceeding 1947 by 79 percent in 1954 and 103 percent in 1955. Flush doors, the most widely used type, accounted for over half the value of shipments in 1954. Combination screen-storm doors in 1954, unlike their window counterparts, rose in value of shipments over 1947, gaining 40 percent. Although competing against metal doors, the relatively wide price differential (average value of wood combination doors shipped was \$9.37 in 1947 and \$11.07 in 1954, compared with \$24.23 and \$25.32, respectively, for metal) enabled wood combination doors to supply the lower price market.

Plywood

Manufacturers of commercial plywood in 1955 made shipments of hardwood and softwood varieties, excluding nonwood face plywood, valued at \$623.2 million, an increase of 146 percent from 1947. The rise resulted primarily from the sharp increase of 231 percent in softwood types, compared with only a 56-percent increase for hardwood. As a result, softwood's share of total 1955 shipments, in terms of value, amounted to about 70 percent, whereas it comprised only half in 1947.

Based on detailed data for 1954, the physical volume of shipments of softwood plywood reached almost 4 billion square feet (3/8 inch basis), 150 percent above the 1947 level of 1.6 billion. This percentage rise coincided closely with that of the value of shipments, since the average unit value remained relatively stable, \$84 per thousand square feet in 1954, compared with \$82 in 1947. At the same time, hardwood advanced less than 10 percent, the average unit value, excluding a minor proportion of container and packaging types, rising from \$159 to \$173 per thousand square feet surface (table 2).

Prefabricated Wood Buildings

Shipments of prefabricated wood buildings have expanded considerably since 1947, exceeding \$200 million in 1955, a rise of 177 percent. Directed toward the housing market, primarily 1-family structures, prefab buildings consisted predominantly of dwellings, which comprised about 95 percent of the total value of shipments in 1954, compared with 83 percent in 1947 (table 4). During this period, prefabs

TABLE 4.—MANUFACTURERS' SHIPMENTS OF PREFABRICATED WOOD BUILDINGS, 1947 AND 1954

Type of building	1954			1947		
	Number	Value (in thousands)	Average value	Number	Value (in thousands)	Average value
Dwellings.....	57,711	\$164,276	\$2,847	24,140	\$60,948	\$2,525
Garages	5,426	3,055	563	4,815	1,742	362
Farm.....	7,548	3,285	435	12,650	4,311	341
Other.....	5,623	3,472	617	(1)	5,994	--

Source: Bureau of the Census, Census of Manufactures, 1947 and 1954.

¹ Data not available.

secured a wider share in the housing market, the number of dwellings shipped having more than doubled and the ratio of dwelling shipments to total 1-family houses started in the United States rising from 3.2 to 5.4 percent. Other prefab structures, including garages and farm buildings, represented about 16 percent of the total value of prefab building shipments in 1947, but with a decline in shipments in 1954, dropped to less than 6 percent.

Changes in Interest Rates on Residential First Mortgage Loans*

Interest rates on residential first mortgage loans increased 2.5 percent between mid-January and the late summer of 1957. This rise reflected the continued uptrend in interest rates on conventional loans as well as the announced change in the interest rate for FHA-insured mortgages--from 5 to 5-1/4 percent--which became effective on August 5, 1957. Information on conventional rates was obtained as of mid-July 1957 as part of the regular semiannual survey of representative lenders conducted by the Bureau of Labor Statistics in 46 cities to obtain data needed in computing the housing component of the Consumer Price Index.¹

Interest rates on new first mortgages in mid-1957 were about one-sixth higher than those negotiated 4-1/2 years earlier in December 1952 as the following figures show:

<i>Selected periods</i>	<i>Percent increase in first mortgage interest rates²</i>
December 1952-July 1955.....	5.3
July 1955-July 1956.....	2.1
July 1956-January 1957.....	5.8
January 1957-July 1957 ³	2.5

The average change in rates since January 1957 was considerably less than was reported for the preceding 6 months, when FHA interest rates rose from 4-1/2 to 5 percent. In both periods, however, the greater part of the increase was caused by changes in rates on conventional loans.

Rising interest rates were reported in almost all of the 46 cities surveyed in 1957. There was little variation by region in the rate of rise, which, however, varied by city size, as shown below:

	<i>Percent increase in first mortgage interest rates²</i>
United States (46 cities).....	2.5
Urbanized areas of:	
1,000,000 population and over.....	2.3
240,000 to 1,000,000 population.....	3.0
30,500 to 240,000 population.....	1.8
Cities under 30,500 population.....	2.9

Medium-size cities of from 240,000 to 1 million population continued to show the greatest average increase in mortgage interest rates, as they did from December 1952 to January 1957. Cities of the next smaller size (30,500 to 240,000 population) averaged the smallest amount of increase. The smallest cities (under 30,500 population), in which mortgage funds are ordinarily less readily obtainable than elsewhere, averaged a relatively large rise--almost as great as for the medium-size places.

* Prepared in the Division of Prices and Cost of Living, Bureau of Labor Statistics, U. S. Department of Labor.

¹ For a description of the techniques for compiling these segments of the index, see *Housing Costs in the Consumer Price Index* (in *Monthly Labor Review*, February 1956, pp. 189-196) and *Mortgage Interest Rates in the Consumer Price Index, 1952-57* (in *Monthly Labor Review*, October 1957, pp. 1240-1242).

² Based on index numbers (December 1952=100) shown in U. S. Department of Labor *Consumer Price Index--Price Indexes for Selected Items and Groups*, March 1955-September 1957 (multilithed quarterly release, issue of November 1957).

³ Because the interest level computed from the July data will be used for the succeeding 5 months in deriving the housing component of the CPI, it was adjusted to include the increase in rates on FHA-insured mortgages, effective August 5, 1957.

STATISTICAL SERIES

NOTE: ALL THE STATISTICAL SERIES IN CONSTRUCTION REVIEW
ARE SUBJECT TO REVISION FOR THE LATEST PERIOD SHOWN.

Part A—Construction Put in Place

Table A-1: New Construction Put in Place: Current Month, by Type of Construction

Type of construction	Value (in millions of dollars)					Percent change		
	1957		1956	Annual total		Dec. 1957 from--		Year
	Dec.	Nov.	Dec.	1957	1956	Nov. 1957	Dec. 1956	1956 to 1957
TOTAL NEW CONSTRUCTION	3,667	4,112	3,544	47,255	46,060	-11	+ 3	+ 3
PRIVATE CONSTRUCTION	2,705	2,942	2,654	33,313	33,242	- 8	+ 2	(1)
Residential buildings (nonfarm)	1,345	1,484	1,362	16,571	17,632	- 9	- 1	- 6
New dwelling units	1,005	1,090	1,045	12,160	13,490	- 8	- 4	-10
Additions and alterations	290	343	277	3,912	3,695	-15	+ 5	+ 6
Nonhousekeeping	50	51	40	499	447	- 2	+25	+12
Nonresidential buildings	764	802	772	9,138	8,817	- 5	- 1	+ 4
Industrial	248	251	274	3,162	3,084	- 1	- 9	+ 3
Commercial	305	332	305	3,570	3,631	- 8	0	- 2
Office buildings and warehouses	172	179	157	1,864	1,684	- 4	+10	+11
Stores, restaurants, and garages	133	153	148	1,706	1,947	-13	-10	-12
Other nonresidential buildings	211	219	193	2,406	2,102	- 4	+ 9	+14
Religious	74	78	71	868	768	- 5	+ 4	+13
Educational	44	46	46	519	536	- 4	- 4	- 3
Hospital and institutional	48	49	32	505	328	- 2	+50	+54
Social and recreational	27	28	26	309	275	- 4	+ 4	+12
Miscellaneous	18	18	18	205	195	0	0	+ 5
Farm construction	100	114	97	1,590	1,560	-12	+ 3	+ 2
Public utilities	483	528	413	5,830	5,113	- 9	+17	+14
Railroad	35	37	36	450	427	- 5	- 3	+ 5
Telephone and telegraph	86	86	88	1,080	1,066	0	- 2	+ 1
Other public utilities	362	405	289	4,300	3,620	-11	+25	+19
All other private	13	14	10	184	120	- 7	+30	+53
PUBLIC CONSTRUCTION	962	1,170	890	13,942	12,818	-18	+ 8	+ 9
Residential buildings	57	56	30	510	292	+ 2	+90	+75
Nonresidential buildings	342	364	324	4,481	4,072	- 6	+ 6	+10
Industrial	32	33	45	458	453	- 3	-29	+ 1
Educational	226	235	201	2,832	2,549	- 4	+12	+11
Hospital and institutional	24	25	23	333	298	- 4	+ 4	+12
Administrative and service	29	34	29	434	362	-15	0	+20
Other nonresidential buildings	31	37	26	424	410	-16	+19	+ 3
Military facilities	88	107	98	1,275	1,395	-18	-10	- 9
Highways	275	410	239	4,840	4,470	-33	+15	+ 8
Sewer and water systems	97	107	100	1,347	1,275	- 9	- 3	+ 6
Sewer	61	67	56	785	701	- 9	+ 9	+12
Water	36	40	44	562	574	-10	-18	- 2
Public service enterprises	25	31	27	393	384	-19	- 7	+ 2
Conservation and development	71	86	65	975	826	-17	+ 9	+18
All other public	7	9	7	121	104	-22	0	+16

Source: Departments of Commerce and Labor.

¹ Change of less than one-half of 1 percent.

CONSTRUCTION REVIEW

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Table A-2: New Construction Put in Place: Recent Monthly Trend, by Type of Construction

(Value, in millions of dollars)

Type of construction	1956	1957											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ¹	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL NEW CONSTRUCTION..	3,544	3,198	3,007	3,295	3,657	4,025	4,308	4,361	4,561	4,569	4,495	4,112	3,667
PRIVATE CONSTRUCTION.....	2,654	2,324	2,226	2,405	2,603	2,808	2,971	3,046	3,124	3,100	3,059	2,942	2,705
Residential bldgs. (nonfarm).....	1,362	1,137	1,043	1,162	1,301	1,396	1,489	1,547	1,571	1,561	1,535	1,484	1,345
New dwelling units	1,045	885	790	870	940	985	1,070	*1,115	1,140	1,140	1,130	1,090	1,005
Additions and alterations ..	277	214	217	258	327	374	379	*392	387	374	357	343	290
Nonhousekeeping	40	38	36	34	34	37	40	40	44	47	48	51	50
Nonresidential buildings.....	772	722	704	709	713	747	786	778	805	802	806	802	764
Industrial.....	274	269	270	269	271	270	270	262	266	260	256	251	248
Commercial.....	305	269	257	264	263	287	309	311	319	322	332	332	305
Office buildings													
and warehouses	157	143	135	133	135	146	153	156	167	168	177	179	172
Stores, restaurants,													
and garages	148	126	122	131	128	141	156	155	152	154	155	153	133
Other nonresidential bldgs.	193	184	177	176	179	190	207	205	220	220	218	219	211
Religious.....	71	67	65	63	64	68	73	75	80	81	80	78	74
Educational.....	46	43	41	40	39	40	43	42	47	47	47	46	44
Hospital & institutional	32	33	34	36	38	40	43	41	47	48	48	49	48
Social and recreational..	26	24	23	23	23	24	26	27	29	28	27	28	27
Miscellaneous	18	17	14	14	15	18	22	20	17	16	16	18	18
Farm construction.....	97	97	102	112	126	146	159	169	173	159	133	114	100
Public utilities	413	357	365	409	448	501	518	535	556	560	570	528	483
Railroad	36	32	31	35	37	38	40	41	41	41	42	37	35
Telephone and telegraph ..	88	75	86	94	94	101	90	95	89	87	97	86	86
Other public utilities	289	250	248	280	317	362	388	399	426	432	431	405	362
All other private	10	11	12	13	15	18	19	17	19	18	15	14	13
PUBLIC CONSTRUCTION	890	874	781	890	1,054	1,217	1,337	1,315	1,437	1,469	1,436	1,170	962
Residential buildings.....	30	29	31	30	34	38	40	**40	48	53	54	56	57
Nonresidential buildings	324	339	302	345	375	383	406	389	414	416	406	364	342
Industrial.....	45	44	37	41	42	42	43	**36	38	35	35	33	32
Educational.....	201	214	191	215	233	233	254	249	259	261	262	235	226
Hospital and institutional..	23	24	23	27	31	33	32	28	29	30	27	25	24
Administrative & service ..	29	30	27	32	36	38	39	38	44	46	41	34	29
Other nonresidential bldgs.	26	27	24	30	33	37	38	38	44	44	41	37	31
Military facilities	98	93	80	84	89	103	110	**117	138	134	132	107	88
Highways	239	225	195	230	330	445	520	**505	550	580	575	410	275
Sewer and water systems.....	100	100	93	105	113	117	121	120	129	127	118	107	97
Sewer	56	56	53	59	63	64	67	68	77	77	73	67	61
Water.....	44	44	40	46	50	53	54	52	52	50	45	40	36
Public service enterprises ..	27	24	21	26	30	35	38	38	43	44	38	31	25
Conservation & development..	65	57	53	61	72	83	89	**94	103	104	102	86	71
All other public.....	7	7	6	9	11	13	13	12	12	11	11	9	7

Source: Departments of Commerce and Labor. ¹ Data for individual types of construction were adjusted specifically for effect of cement shortages in July 1957, except where noted. * Not adjusted for effect of cement shortages. ** Based chiefly on actual project progress reports which reflect all current influences on construction activity for the types of work shown. (State and locally owned highway data were adjusted on the basis of findings from the federally aided portion.)

COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST	NORTH CENTRAL		SOUTH		WEST
1. New England	3. E. N. Central	4. W. N. Central	5. S. Atlantic	6. E. S. Central	8. Mountain
Connecticut	Illinois	Iowa	Delaware	Alabama	Arizona
Maine	Indiana	Kansas	Dist. of Col.	Kentucky	Colorado
Massachusetts	Michigan	Minnesota	Florida	Mississippi	Idaho
New Hampshire	Ohio	Missouri	Georgia	Tennessee	Montana
Rhode Island	Wisconsin	Nebraska	Maryland		Nevada
Vermont		North Dakota	N. Carolina	7. W. S. Central	New Mexico
		South Dakota	S. Carolina	Arkansas	Utah
			Virginia	Louisiana	Wyoming
			W. Virginia	Oklahoma	
				Texas	
2. Middle Atlantic					9. Pacific
New Jersey					California
New York					Oregon
Pennsylvania					Washington

NONFARM POPULATION DISTRIBUTION IN 1950

NORTHEAST—29.5 percent. NORTH CENTRAL—29.0 percent. SOUTH—27.7 percent. WEST—13.8 percent.

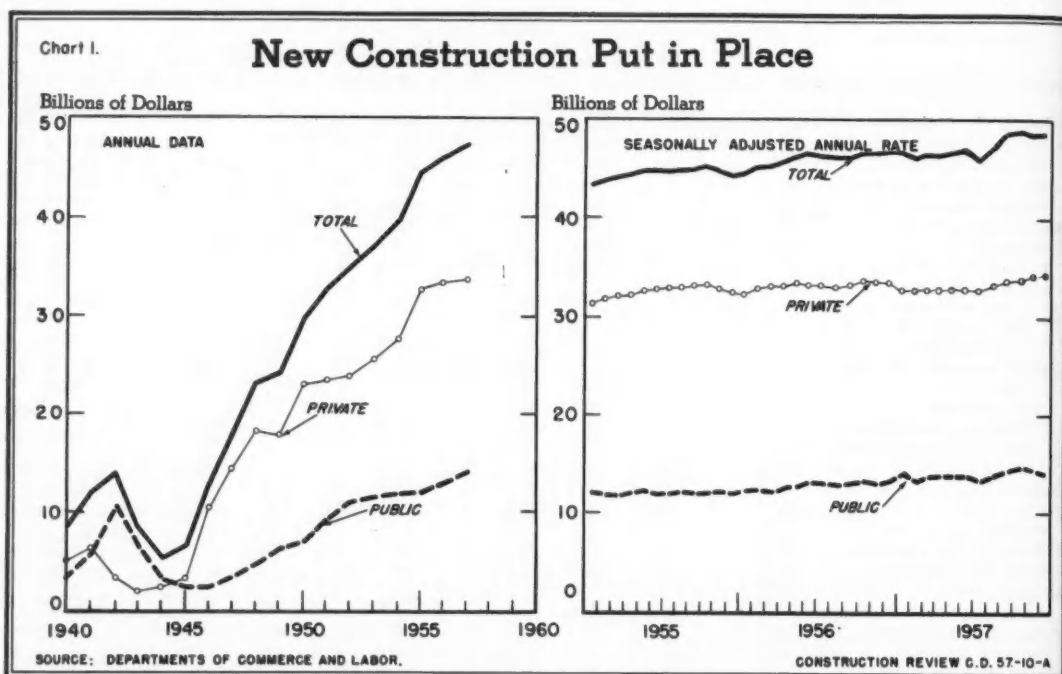


Table A-3: New Construction Put in Place: Seasonally Adjusted Annual Rate, by Type of Construction

(Value, in millions of dollars)

Type of construction	Seasonally adjusted annual rate							Annual total	
	1956 ¹	1957						1956	1957
	Dec.	July ²	Aug.	Sept.	Oct.	Nov.	Dec.		
TOTAL NEW CONSTRUCTION	46,848	45,996	47,304	47,748	48,768	48,516	48,612	46,060	47,255
PRIVATE CONSTRUCTION	33,588	32,868	33,444	33,480	33,996	34,116	34,248	33,242	33,313
Residential buildings (nonfarm)	17,520	*16,188	16,524	16,656	16,968	17,208	17,328	17,632	16,571
Nonresidential buildings	9,168	9,012	9,204	9,084	9,132	9,096	9,060	8,817	9,138
Industrial	3,228	3,180	3,192	3,084	3,012	2,952	2,916	3,084	3,162
Commercial	3,660	3,516	3,564	3,576	3,696	3,672	3,636	3,631	3,570
Office buildings and warehouses	1,776	1,896	1,932	1,920	1,968	1,956	1,944	1,684	1,864
Stores, restaurants, and garages	1,884	1,620	1,632	1,656	1,728	1,716	1,692	1,947	1,706
Other nonresidential buildings	2,280	2,316	2,448	2,424	2,424	2,472	2,508	2,102	2,406
Farm construction	1,548	1,596	1,596	1,596	1,596	1,608	1,596	1,560	1,590
Public utilities	5,220	5,904	5,916	5,940	6,120	6,036	6,096	5,113	5,830
All other private	132	168	204	204	180	168	168	120	184
PUBLIC CONSTRUCTION	13,260	13,128	13,860	14,268	14,772	14,400	14,364	12,818	13,942
Residential buildings	348	**516	576	648	624	660	672	292	510
Nonresidential buildings	4,380	4,272	4,464	4,548	4,656	4,524	4,620	4,072	4,481
Military facilities	1,332	*1,248	1,404	1,332	1,332	1,236	1,200	1,395	1,275
Highways	4,428	**4,392	4,488	4,704	5,148	5,124	5,076	4,470	4,840
Sewer and water systems	1,380	1,272	1,356	1,416	1,344	1,332	1,344	1,275	1,347
Sewer	756	708	816	864	840	828	828	701	785
Water	624	564	540	552	504	504	516	574	562
Public service enterprises	408	348	384	408	420	384	384	384	393
Conservation and development	864	**960	1,080	1,104	1,128	1,020	948	826	975
All other public	120	120	108	108	120	120	120	104	121

Source: Departments of Commerce and Labor.

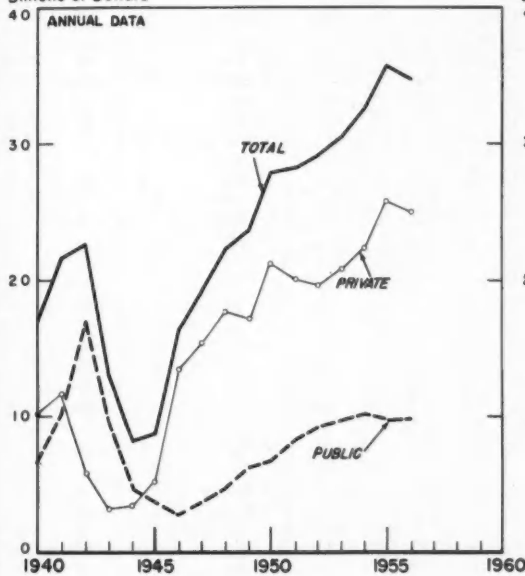
¹ Data shown here incorporate revisions for 1956 made in June 1957. Revised seasonally adjusted construction expenditures from 1945 are included in a separate report, Value of New Construction Put in Place (New Construction Expenditures), 1945-56, and copies are available on request.

* ** See footnotes to table A-2.

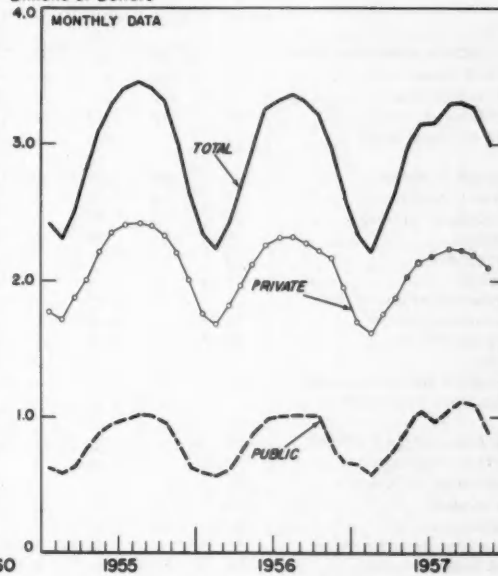
Chart 2.

New Construction Put in Place (In 1947-49 Prices)

Billions of Dollars



Billions of Dollars



SOURCE: DEPARTMENTS OF COMMERCE AND LABOR.

CONSTRUCTION REVIEW C. D. 57-10-8

Table A-4: New Construction Put in Place: Value in 1947-49 Prices, by Type of Construction

(Millions of dollars)

Type of construction	1956	1957				Year				
	Nov.	Aug.	Sept.	Oct.	Nov.	1952	1953	1954	1955	1956
TOTAL NEW CONSTRUCTION	2,952	3,315	3,321	3,269	2,978	29,123	30,459	32,612	35,702	34,898
PRIVATE CONSTRUCTION	2,160	2,239	2,219	2,190	2,109	19,889	20,958	22,526	25,810	24,928
Residential building (nonfarm)	1,167	1,182	1,175	1,161	1,123	10,772	11,365	12,777	15,078	13,613
Nonresidential buildings	990	570	566	567	566	4,211	4,655	5,073	6,012	6,587
Industrial	201	186	182	179	176	1,909	1,807	1,690	1,946	2,304
Office buildings and warehouses	124	122	122	128	130	461	640	789	1,054	1,289
Stores, restaurants, and garages	120	107	108	108	107	525	857	998	1,472	1,441
Other nonresidential buildings	145	155	154	152	153	1,316	1,351	1,596	1,540	1,553
Farm construction	89	136	125	105	89	1,643	1,484	1,420	1,350	1,266
Public utilities	307	339	342	347	322	3,194	3,362	3,166	3,257	3,381
All other private	7	12	11	10	9	69	92	90	113	81
PUBLIC CONSTRUCTION	792	1,076	1,102	1,079	869	9,234	9,501	10,086	9,892	9,970
Residential buildings	24	36	40	41	42	550	459	281	213	225
Nonresidential buildings	251	291	291	283	254	3,465	3,531	3,738	3,291	3,016
Industrial	33	27	24	24	23	1,384	1,434	1,253	588	338
Educational	153	182	183	183	164	1,375	1,397	1,694	1,888	1,887
Hospital and institutional	19	20	21	19	17	401	297	286	249	220
Other nonresidential buildings	46	62	63	57	50	305	403	505	566	571
Military facilities	89	102	99	98	79	1,195	1,105	872	1,086	1,085
Highways	280	466	492	488	347	2,489	2,851	3,689	3,812	3,920
Sewer and water systems	73	82	81	75	68	639	681	724	769	859
Public service enterprises	20	25	26	22	18	129	122	133	157	240
Conservation and development	49	66	66	65	55	731	688	571	497	556
All other public	6	8	7	7	6	36	64	78	67	69

Source: Departments of Commerce and Labor.

CONSTRUCTION REVIEW

Table A-5: New Public Construction Put in Place, by Source of Funds, Ownership, and Type of Construction

Source of funds, ownership, and type of construction	Value (in millions of dollars)								Percent change		
	1956	1957					Annual total		Dec. 1956 from--		Year
	Dec.	Aug.	Sept.	Oct.	Nov.	Dec.	1956	1957	Dec. 1956	Nov. 1957	1956 to 1957
TOTAL PUBLIC CONSTRUCTION	890	1,437	1,469	1,436	1,170	962	12,818	13,942	+ 8	-18	+ 9
Federal funds.....	268	458	477	468	386	315	3,635	4,307	+18	-18	+18
Direct Federal.....	212	309	309	302	258	220	2,774	2,958	+ 4	-15	+ 7
Federal grants-in-aid ¹	56	149	168	166	128	95	861	1,349	+70	-26	+57
State and local funds.....	622	979	992	968	784	647	9,183	9,635	+ 4	-17	+ 5
FEDERALLY OWNED	212	309	309	302	258	220	2,774	2,958	+ 4	-15	+ 7
Residential buildings.....	3	18	21	22	23	23	17	159	(2)	0	(2)
Nonresidential buildings.....	53	51	50	48	44	41	588	589	-23	- 7	(3)
Industrial.....	45	38	35	35	33	32	453	458	-29	- 3	+ 1
Educational.....	0	1	1	1	1	0	8	8	0	--	0
Hospital.....	3	3	4	4	3	3	37	45	0	0	+22
Administrative and service.....	3	6	7	6	5	4	30	50	+33	-20	+67
Other nonresidential.....	2	3	3	2	2	2	60	28	0	0	-53
Military facilities.....	98	138	134	132	107	88	1,395	1,275	-10	-18	- 9
Highways.....	4	12	12	10	8	5	85	95	+25	-38	+12
Conservation and development.....	53	88	90	88	74	62	675	822	+17	-16	+22
All other federally owned.....	1	2	2	2	2	1	14	18	0	-50	+29
STATE AND LOCALLY OWNED	678	1,128	1,160	1,134	912	742	10,044	10,984	- 9	-19	+ 9
Residential buildings.....	27	30	32	32	33	34	275	351	+26	+ 3	+28
Nonresidential buildings.....	271	363	366	358	320	301	3,484	3,892	+11	- 6	+12
Educational.....	201	258	260	261	234	226	2,541	2,824	+12	- 3	+11
Hospital.....	20	26	26	23	22	21	261	288	+ 5	- 5	+10
Administrative and service.....	26	38	39	35	29	25	332	384	- 4	-14	+16
Other nonresidential.....	24	41	41	39	35	29	350	396	+21	-17	+13
Highways.....	235	538	568	565	402	270	4,385	4,745	+15	-33	+ 8
Sewer and water systems.....	100	129	127	118	107	97	1,275	1,347	- 3	- 9	+ 6
Sewer.....	56	77	77	73	67	61	701	785	+ 9	- 9	+12
Water.....	44	52	50	45	40	36	574	562	-18	-10	- 2
All other State and locally owned.....	45	68	67	61	50	40	625	649	-11	-20	+ 4

Source: Departments of Commerce and Labor.

¹ Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities. ² Percent increase exceeds 300. ³ Change of less than one-half of 1 percent.

Part B--Housing

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Table B-1: New Nonfarm Dwelling Units Started, by Ownership, Location, and Type of Structure

Period	Total	Ownership		Location ¹		Type of structure			
		Private	Public	Metro- politan	Nonmetro- politan	1-family houses	Units in 2-or-more family structures		
							All	2-4 family	5-or-more family
NUMBER OF NEW DWELLING UNITS (in thousands)									
Year: 1946.....	670.5	662.5	8.0	(2)	(2)	590.0	80.5	(3)	(3)
1947.....	849.0	845.6	3.4	(2)	(2)	740.2	108.8	(3)	(3)
1948.....	931.6	913.5	18.1	(2)	(2)	766.6	165.0	(3)	(3)
1949.....	1,025.1	988.8	36.3	(2)	(2)	794.3	230.8	(3)	(3)
1950.....	1,396.0	1,352.2	43.8	1,021.6	374.4	1,154.1	241.9	(3)	(3)
1951.....	1,091.3	1,020.1	71.2	776.8	314.5	900.1	191.2	(3)	(3)
1952.....	1,127.0	1,068.5	58.5	794.9	332.1	942.5	184.5	(3)	(3)
1953.....	1,103.8	1,068.3	35.5	803.5	300.3	937.8	166.0	(3)	(3)
1954.....	1,220.4	1,201.7	18.7	896.9	323.5	1,077.9	142.5	51.9	90.6
1955.....	1,328.9	1,309.5	19.4	975.8	353.1	1,194.4	134.5	49.2	85.3
1956.....	1,118.1	1,093.9	24.2	779.8	338.3	989.7	128.4	46.4	82.0
First 11 months, 1956.....	1,054.5	1,031.0	23.5	734.7	319.8	936.3	118.2	43.2	75.0
First 11 months, 1957.....	975.3	926.7	48.6	655.3	320.0	(4)	(4)	(4)	(4)
1956: November.....	77.4	77.0	.4	54.8	22.6	67.7	9.7	3.9	5.8
December.....	63.6	62.9	.7	45.1	18.5	53.4	10.2	3.2	7.0
1957: January.....	63.0	60.1	2.9	44.0	19.0	52.2	10.8	3.5	7.3
February.....	65.8	63.1	2.7	46.6	19.2	54.3	11.5	3.7	7.8
March.....	87.0	79.3	7.7	58.5	28.5	75.7	11.3	4.1	7.2
April.....	93.7	91.4	2.3	63.5	30.2	80.3	13.4	4.6	8.8
May.....	103.0	96.9	6.1	68.2	34.8	86.5	16.5	4.8	11.7
June.....	99.9	94.5	5.4	68.6	31.3	82.7	17.2	5.1	12.1
July.....	99.9	93.9	6.0	63.4	36.5	86.4	13.5	4.2	9.3
August.....	100.0	96.8	3.2	67.7	32.3	83.0	17.0	4.2	12.8
September.....	90.0	88.0	2.0	59.9	30.1	(4)	(4)	(4)	(4)
October.....	95.0	87.0	8.0	62.0	33.0	(4)	(4)	(4)	(4)
November.....	78.0	75.7	2.3	52.9	25.1	(4)	(4)	(4)	(4)
Percent change									
First 11 months, 1956-57.....	-7.5	-10.1	+106.8	-10.8	+0.1	--	--	--	--
October-November, 1957.....	-17.9	-13.0	-71.3	-14.7	-23.9	--	--	--	--
November, 1956-57.....	+0.8	-1.7	(5)	-3.5	+11.1	--	--	--	--
PERCENT DISTRIBUTION									
Year: 1946.....	100	98.8	1.2	--	--	88.0	12.0	--	--
1947.....	100	99.6	.4	--	--	87.2	12.8	--	--
1948.....	100	98.1	1.9	--	--	82.3	17.7	--	--
1949.....	100	96.5	3.5	--	--	77.5	22.5	--	--
1950.....	100	96.9	3.1	73.2	26.8	82.7	17.3	--	--
1951.....	100	93.5	6.5	71.2	28.8	82.5	17.5	--	--
1952.....	100	94.8	5.2	70.5	29.5	83.6	16.4	--	--
1953.....	100	96.8	3.2	72.8	27.2	85.0	15.0	--	--
1954.....	100	98.5	1.5	73.5	26.5	88.3	11.7	4.3	7.4
1955.....	100	98.5	1.5	73.4	26.6	89.9	10.1	3.7	6.4
1956.....	100	97.8	2.2	69.7	30.3	88.5	11.5	4.2	7.3
First 11 months, 1956.....	100	97.8	2.2	69.7	30.3	88.8	11.2	4.1	7.1
First 11 months, 1957.....	100	95.0	5.0	67.2	32.8	--	--	--	--
1956: November.....	100	99.5	.5	70.8	29.2	87.5	12.5	5.0	7.5
December.....	100	98.9	1.1	70.9	29.1	84.0	16.0	5.0	11.0
1957: January.....	100	95.4	4.6	69.8	30.2	82.9	17.1	5.6	11.5
February.....	100	95.9	4.1	70.8	29.2	82.5	17.5	5.6	11.9
March.....	100	91.1	8.9	67.2	32.8	87.0	13.0	4.7	8.3
April.....	100	97.5	2.5	67.8	32.2	85.7	14.3	4.9	9.4
May.....	100	94.1	5.9	66.2	33.8	84.0	16.0	4.7	11.3
June.....	100	94.6	5.4	68.7	31.3	82.8	17.2	5.1	12.1
July.....	100	94.0	6.0	63.5	36.5	86.5	13.5	4.2	9.3
August.....	100	96.8	3.2	67.7	32.3	83.0	17.0	4.2	12.8
September.....	100	97.8	2.2	66.6	33.4	--	--	--	--
October.....	100	91.6	8.4	65.3	34.7	--	--	--	--
November.....	100	97.1	2.9	67.8	32.2	--	--	--	--

Source: Department of Labor.

¹ Data by urban and rural-nonfarm classification for 1920-53 are available upon request.

² Annual data

not available before 1950; monthly data not available before January 1953.

³ Not available before January 1954. Tabulations showing the

number of units in 2-family and 3-or-more family structures for 1920-53 are available upon request.

⁴ Not yet available.

⁵ Percent increase

exceeds 300.

CONSTRUCTION REVIEW

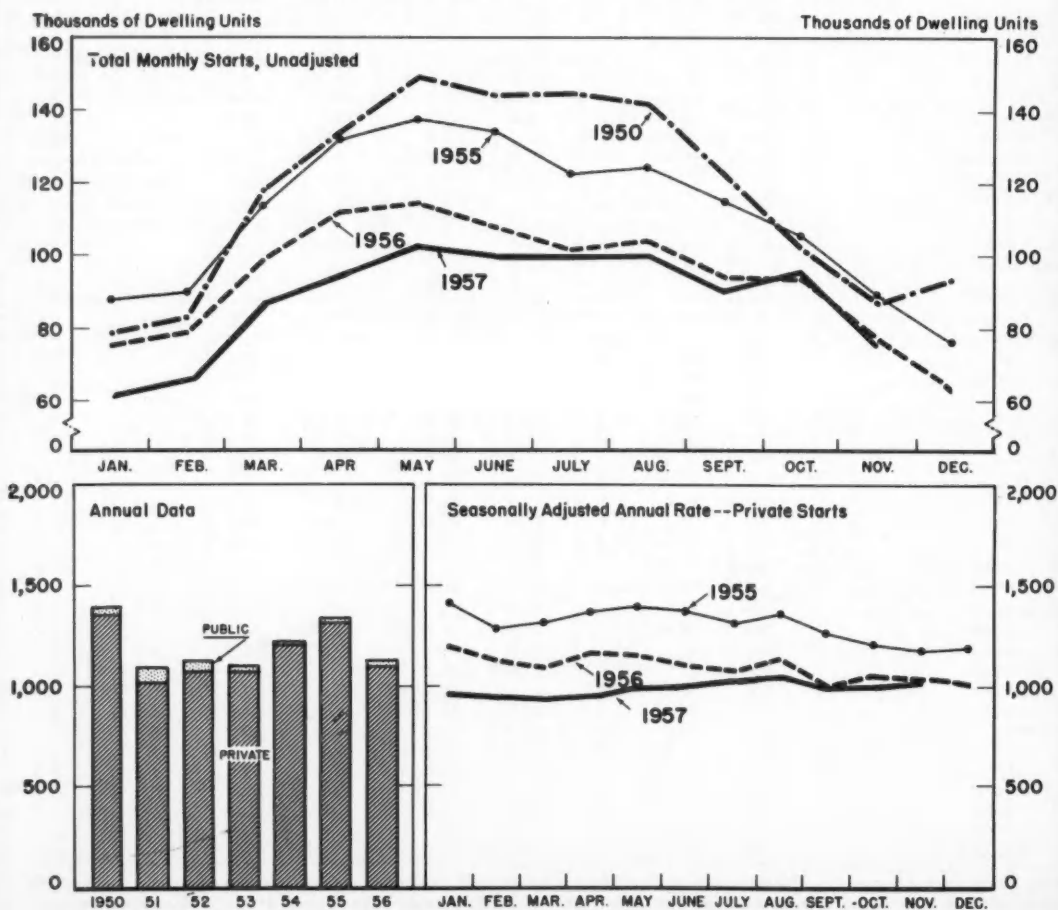
Table B-2: New Private Nonfarm Dwelling Units Started: Seasonally Adjusted Annual Rate

Year	Number of new dwelling units (in thousands)											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1946.....	682	709	756	719	698	662	642	638	601	607	612	647
1947.....	694	720	696	710	749	802	847	899	981	1,018	1,013	962
1948.....	938	829	955	1,019	997	990	969	898	862	806	802	807
1949.....	800	796	814	885	905	929	964	1,028	1,094	1,156	1,240	1,250
1950.....	1,306	1,310	1,406	1,390	1,448	1,476	1,460	1,478	1,282	1,149	1,120	1,269
1951.....	1,343	1,156	1,068	990	983	948	925	961	1,052	1,002	976	967
1952.....	1,000	1,086	1,060	1,037	1,039	1,029	1,084	1,075	1,099	1,121	1,100	1,092
1953.....	1,102	1,083	1,122	1,134	1,097	1,082	1,045	1,021	1,024	1,026	1,050	1,032
1954.....	1,044	1,098	1,101	1,116	1,104	1,181	1,225	1,228	1,277	1,274	1,373	1,435
1955.....	1,416	1,286	1,314	1,374	1,398	1,371	1,318	1,346	1,262	1,209	1,179	1,192
1956.....	1,195	1,127	1,094	1,157	1,146	1,091	1,070	1,136	1,008	1,052	1,027	1,020
1957.....	962	935	933	962	994	995	1,015	1,056	990	1,000	1,010	

Source: Department of Labor.

Chart 3.

Housing Starts (UNADJUSTED AND SEASONALLY ADJUSTED)



SOURCE: DEPARTMENT OF LABOR.

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Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
AVERAGE CONSTRUCTION COST													
1946.....	\$5,250	\$5,400	\$5,850	\$5,575	\$5,475	\$5,425	\$5,375	\$5,450	\$5,450	\$5,625	\$5,675	\$5,575	\$5,525
1947.....	5,700	5,825	6,150	6,275	6,250	6,450	6,725	6,950	7,025	7,275	7,525	7,650	6,750
1948.....	7,250	7,450	7,550	7,775	7,950	8,050	8,050	8,100	7,900	7,825	7,900	7,900	7,850
1949.....	7,650	7,525	7,450	7,500	7,650	7,675	7,525	7,650	7,725	7,675	7,675	7,625	7,625
1950.....	7,625	7,850	8,225	8,450	8,450	8,750	8,875	9,125	8,900	9,200	9,075	9,200	8,675
1951.....	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952.....	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953.....	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954.....	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955.....	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956.....	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957.....	12,175	12,400	12,525	12,625	12,825	12,750	12,650	12,525	(1)	(1)	(1)		
Percent change, 1956 to 1957													
	+7.5	+5.5	+3.1	+2.9	+4.3	+3.7	+2.2	+2.0	--	--	--		

Source: Department of Labor.

¹ Not yet available.

Table B-4: New Nonfarm Dwelling Units Started, by Region¹

Region	Number of new dwelling units (in thousands)										Percent change,	
	1956	1957								First 8 months		1st 8 mos. 1956-57
	Aug.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	1956	1957	
TOTAL.....	103.9	63.0	65.8	87.0	93.7	103.0	99.9	99.9	100.0	789.6	712.3	- 9.8
Northeast.....	20.8	9.3	9.7	14.8	19.9	20.9	19.9	19.2	21.8	160.6	135.5	-15.6
North Central...	29.2	10.7	14.0	22.1	23.7	25.7	27.8	27.0	27.3	215.4	178.3	-17.2
South.....	30.7	24.8	24.6	29.4	28.1	33.7	31.0	33.5	31.0	234.8	236.1	+ .6
West.....	23.2	18.2	17.5	20.7	22.0	22.7	21.2	20.2	19.9	178.8	162.4	- 9.2

Source: Department of Labor.

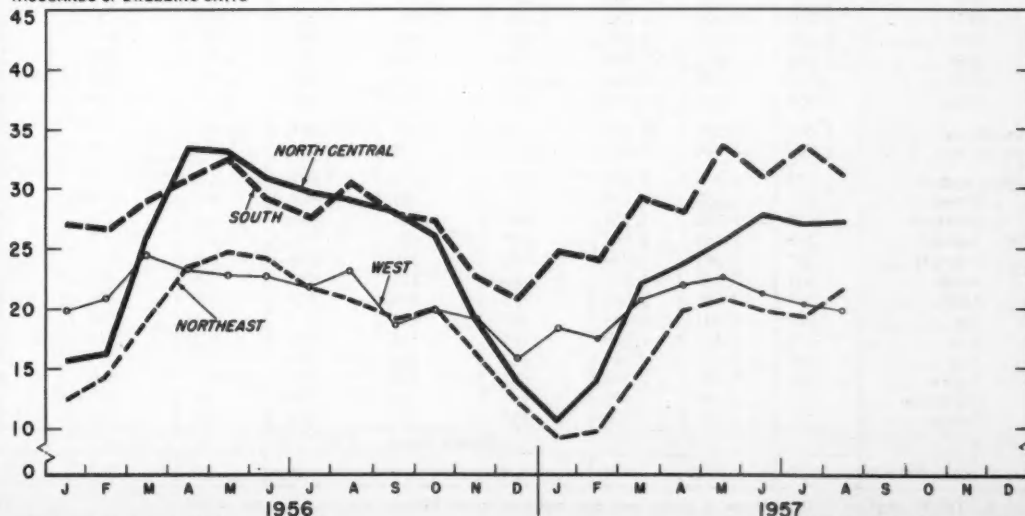
¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

(NOTE: Table B-5, New Nonfarm Dwelling Units Started in Selected States, is shown quarterly in the February, May, August, and November issues.)

Chart 4.

Housing Starts (Regional Trends)

THOUSANDS OF DWELLING UNITS



SOURCE: DEPARTMENT OF LABOR.

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Table B-6: New Private Dwelling Units: Volume in Successive Stages of FHA and VA Programs

Period	Number (in thousands) of new dwelling units in--							Percent of total private starts under inspection of--	
	FHA applications		VA appraisal requests*	Starts under inspection of--		FHA mortgages insured		VA loans closed*	
	Total	Excluding Capehart ¹		FHA	VA*	Total	Excluding Capehart ¹		FHA VA*
Year: 1950	625.3	625.3	(2)	486.7	(2)	378.7	378.7	209.0	36 15
1951	267.1	267.1	164.4	263.5	148.7	235.0	235.0	286.5	26 15
1952	323.9	323.8	226.3	279.9	141.3	162.6	162.6	192.2	26 13
1953	327.3	327.3	251.4	252.0	156.6	182.5	182.5	202.9	24 15
1954	383.3	383.3	535.4	276.3	307.0	150.1	150.1	243.1	23 26
1955	314.9	314.9	620.8	276.7	392.9	139.8	139.8	387.6	21 30
1956	227.6	219.4	401.5	189.3	270.7	116.2	110.9	313.5	17 25
1956: November	14.8	13.5	21.9	12.1	17.8	8.1	8.1	24.7	16 23
December	12.9	10.9	19.0	9.6	15.0	8.7	7.3	25.0	15 24
1957: January	14.8	13.1	18.9	7.7	12.0	9.7	8.0	30.3	13 20
February	22.0	14.0	20.2	9.3	9.9	10.2	7.3	24.4	15 16
March	22.2	20.1	19.5	11.3	11.4	13.0	7.6	21.8	14 14
April	25.7	20.4	19.4	12.1	13.5	8.7	7.1	20.6	13 15
May	23.3	20.2	16.6	14.9	12.0	10.7	6.7	16.6	15 12
June	22.8	20.1	13.7	15.3	13.0	6.8	6.3	16.2	16 14
July	22.0	21.2	14.0	15.7	12.3	11.0	7.6	15.6	17 13
August	28.8	25.6	14.5	17.7	11.6	10.2	8.5	14.6	18 12
September	24.9	22.5	*8.9	16.4	*11.8	6.0	5.9	*17.1	19 *13
October	26.3	21.2	*6.4	18.7	*9.7	12.7	8.6	*16.9	21 *11
November	16.6	16.1	*3.7	15.0	*6.4	9.9	9.9	*13.3	20 *8
First 11 months:									
1956	214.7	208.5	382.5	179.8	255.7	107.6	103.6	288.4	17 25
1957	249.5	214.6	*155.9	154.2	*123.6	108.9	83.5	*207.4	17 *13
Percent change, 1956 to 1957	+16.2	+2.9	-59.2	-14.2	-51.7	+1.2	-19.4	-28.1	-- --

Source: Table compiled by Department of Labor from data reported by the Federal Housing Administration (HHFA) and the Veterans Administration. * Beginning with data for October 1957, all VA series are as of the calendar month. Data for September 1957 cover the period August 26th through September 30, and for all previous months the statistics are as of the 26th through the 25th. ¹ Excludes units under the armed services (Capehart) housing program, which are classified as public and whose inspection while under construction is under the auspices of the Department of Defense. ² Not available.

Table B-7: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Average Amount, and Total Amount by Type of Lender

Period	Total number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by--						
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	All other lenders
Year: 1950	3,032	5,335	16,179	5,060	1,618	3,365	1,064	2,299	2,774
1951	2,878	5,701	16,405	5,295	1,615	3,370	1,013	2,539	2,572
1952	3,028	5,950	18,018	6,452	1,420	3,600	1,137	2,758	2,651
1953	3,164	6,241	19,747	7,365	1,480	3,680	1,327	2,841	3,055
1954	3,458	6,644	22,974	8,312	1,768	4,239	1,501	2,882	4,272
1955	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265
1956	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
First 10 mos., 1956 ..	3,067	7,508	23,029	8,156	1,524	4,684	1,523	2,994	4,148
First 10 mos., 1957 ..	2,756	7,444	20,516	7,865	1,230	3,606	1,200	3,023	3,592
1956: October	322	7,535	2,425	848	154	475	183	327	438
November	277	7,608	2,108	717	136	409	152	293	401
December	257	7,582	1,951	660	138	366	148	270	369
1957: January	258	7,541	1,942	659	133	353	117	304	376
February	237	7,381	1,749	644	105	308	96	271	325
March	264	7,333	1,937	744	115	335	99	293	351
April	277	7,390	2,044	798	116	357	110	306	357
May	289	7,431	2,144	840	125	374	120	314	371
June	274	7,407	2,028	795	118	363	125	290	337
July	296	7,456	2,211	852	130	390	142	325	372
August	296	7,473	2,208	883	132	378	137	310	368
September	272	7,446	2,026	796	124	354	121	288	343
October	294	7,563	2,226	855	132	395	131	321	392
Percent change									
First 10 mos., 1956-57	-10	-1	-11	-4	-19	-23	-21	+1	-13

Source: Table compiled by Department of Labor from data reported by the Federal Home Loan Bank Board.

(NOTE: Tables B-8 and B-9, Housing Vacancy Rates, are shown quarterly in the March, June, September, and December issues.)

Part C--Building Permits

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Table C-1: Building Permit Activity: Current Summary, by Type of Building Construction

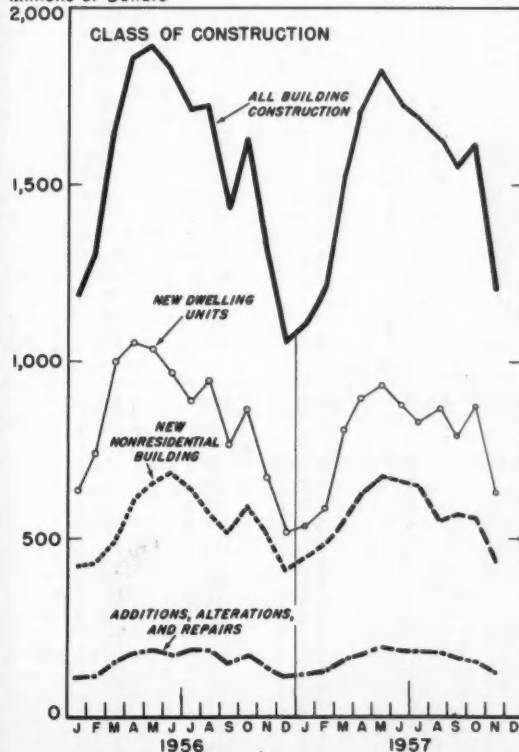
Type of building construction	Valuation (in millions of dollars)						Percent change, Nov. 1956-57
	1957			1956	First 11 months		
	Nov.	Oct.	Sept.	Nov.	1957	1956	
All building construction ¹	1,203.6	1,607.9	1,543.3	1,351.3	16,878.7	17,732.8	-11
Private	1,060.3	1,431.4	1,413.6	1,203.6	14,956.1	15,976.0	-12
Public	143.3	176.5	129.6	147.7	1,922.6	1,756.8	- 3
New dwelling units ²	634.9	867.4	795.7	678.9	8,649.7	9,628.2	- 6
Number of new dwelling units	(58,378)	(79,178)	(71,947)	(62,093)	(794,053)	(894,866)	(- 6)
New nonresidential building	434.5	560.8	562.8	532.8	6,272.7	6,249.6	-18
Commercial buildings	148.3	183.7	203.4	162.6	2,004.4	2,042.9	- 9
Stores and other mercantile buildings	56.0	82.0	71.7	71.2	885.1	955.6	-21
All other commercial buildings	92.3	101.7	131.7	91.4	1,119.3	1,087.3	+ 1
Community buildings.....	168.6	213.8	198.3	177.8	2,273.7	2,113.9	- 5
Industrial buildings	58.9	91.9	81.6	115.2	1,020.8	1,214.0	-49
All other nonresidential buildings	58.7	71.4	79.5	77.1	973.8	878.8	-24
Additions, alterations, and repairs	121.5	154.2	168.5	131.6	1,794.0	1,721.6	- 8

Source: Department of Labor. ¹ Includes new nonhousekeeping residential building, not shown separately. ² Housekeeping only.

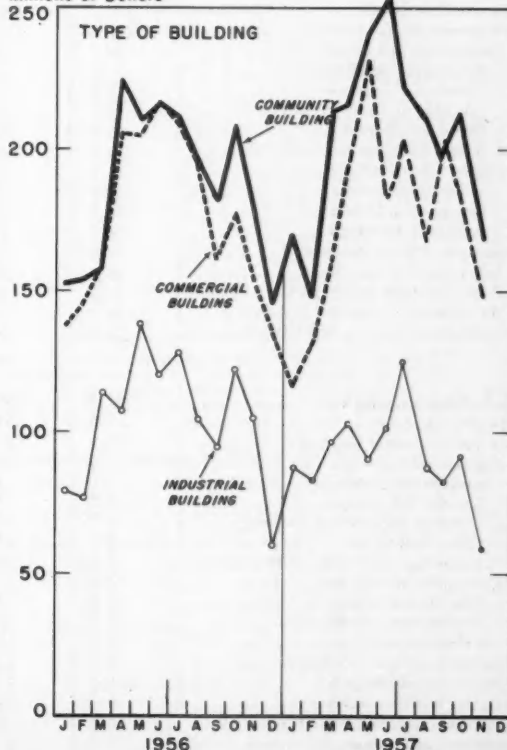
Chart 5.

Building Permit Activity

Millions of Dollars



Millions of Dollars



SOURCE: DEPARTMENT OF LABOR.

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CONSTRUCTION REVIEW

Table C-2: Building Permit Activity: Valuation, by Type of Building Construction and Region¹

Type of building construction	Valuation (in millions of dollars)						Percent change, first 10 months 1956-57
	1956	1957			First 10 months		
	Oct.	Aug.	Sept.	Oct.	1956	1957	
UNITED STATES							
All building construction ²	1,660.8	1,626.1	1,543.3	1,607.9	16,381.5	15,675.1	- 4
New dwelling units ³	866.1	871.8	795.7	867.4	8,949.2	8,014.8	-10
New nonresidential building	612.2	557.2	562.8	560.8	5,716.9	5,838.2	+ 2
Commercial buildings*.....	180.4	167.3	203.4	183.7	1,880.2	1,856.1	- 1
Amusement buildings*.....	8.9	8.8	10.5	11.6	97.8	110.1	+13
Commercial garages	5.8	4.0	4.9	5.1	52.0	52.5	+ 1
Gasoline and service stations.....	17.2	13.9	14.1	13.0	140.8	138.9	- 1
Office buildings.....	46.7	69.1	102.1	72.2	705.3	781.8	+11
Stores and other mercantile bldgs.	101.7	71.4	71.7	82.0	884.4	773.1	-13
Community buildings*.....	225.8	213.1	198.3	213.8	1,936.1	2,105.1	+ 9
Educational buildings.....	139.7	119.7	131.4	127.2	1,206.2	1,272.6	+ 6
Institutional buildings*.....	44.1	50.9	29.0	46.1	338.6	430.2	+27
Religious buildings.....	42.0	42.6	37.9	40.6	391.3	402.4	+ 3
Garages, private residential	23.4	23.3	24.2	21.9	181.7	181.9	(4)
Industrial buildings*.....	125.6	87.2	81.6	91.9	1,098.8	961.9	-12
Public utilities buildings*.....	29.9	37.0	34.2	24.6	271.8	375.6	+38
All other nonresidential buildings*.....	27.1	29.4	21.0	24.9	348.2	357.6	+ 3
Additions, alterations, and repairs	167.5	183.0	168.5	154.2	1,589.9	1,672.5	+ 5
Northeast							
All building construction ²	348.9	371.8	346.8	330.0	3,514.9	3,297.2	- 6
New dwelling units ³	193.1	199.8	157.4	176.8	1,928.6	1,611.8	-16
New nonresidential building	117.4	129.4	144.8	105.0	1,221.9	1,282.9	+ 5
Commercial buildings*.....	38.1	40.2	69.9	30.5	408.8	437.0	+ 7
Amusement buildings*.....	.6	1.6	2.0	3.5	19.7	25.8	+31
Commercial garages	2.9	.5	1.0	.5	18.6	13.8	-26
Gasoline and service stations.....	2.8	2.9	2.4	2.4	24.9	25.3	+ 2
Office buildings*.....	10.9	25.1	49.5	8.5	191.7	227.9	+19
Stores and other mercantile bldgs.	20.8	10.2	15.1	15.6	153.9	144.2	- 6
Community buildings*.....	43.6	52.5	42.0	46.8	462.7	476.6	+ 3
Educational buildings	23.8	33.7	27.7	25.0	287.4	313.9	+ 9
Institutional buildings*.....	11.5	11.0	7.5	13.3	94.5	85.7	- 9
Religious buildings.....	8.3	7.8	6.8	8.5	80.7	77.0	- 5
Garages, private residential	4.8	4.4	4.9	4.9	36.4	36.6	+ 1
Industrial buildings*.....	18.2	18.6	12.8	14.7	213.8	189.4	-11
Public utilities buildings*.....	9.0	8.8	12.1	2.6	47.0	76.0	+62
All other nonresidential buildings*.....	3.7	4.8	3.0	5.4	53.2	67.2	+26
Additions, alterations, and repairs	34.2	40.5	42.4	34.7	342.7	370.6	+ 8
North Central							
All building construction ²	542.0	504.5	479.9	489.3	5,034.8	4,636.4	- 8
New dwelling units ³	269.1	267.3	247.6	253.1	2,822.5	2,346.2	-17
New nonresidential building	215.4	181.7	177.5	193.5	1,737.0	1,818.4	+ 5
Commercial buildings*.....	49.7	52.2	41.6	43.3	498.1	444.6	-11
Amusement buildings*.....	5.6	2.2	3.6	3.9	32.4	28.3	-13
Commercial garages	1.5	2.0	2.1	2.0	12.3	16.6	+35
Gasoline and service stations	5.7	4.8	4.8	3.9	43.2	44.9	+ 4
Office buildings*.....	8.7	17.4	13.2	9.3	168.2	151.3	-10
Stores and other mercantile bldgs.	28.2	25.9	18.0	24.3	242.0	203.6	-16
Community buildings*.....	70.9	57.7	68.5	72.8	590.1	675.9	+15
Educational buildings	41.8	32.5	46.3	45.3	373.0	386.6	+ 4
Institutional buildings*.....	13.3	14.1	9.6	14.5	90.2	151.2	+68
Religious buildings.....	15.8	11.1	12.6	13.0	126.9	138.1	+ 9
Garages, private residential	13.5	14.0	14.4	12.1	99.9	102.0	+ 2
Industrial buildings*.....	66.5	37.7	34.4	46.3	393.7	381.9	- 3
Public utilities buildings*.....	8.3	13.2	13.6	10.3	91.2	145.4	+59
All other nonresidential buildings*.....	6.5	6.8	5.0	8.6	63.9	68.7	+ 8
Additions, alterations, and repairs.....	53.8	52.5	47.4	38.9	446.6	444.8	(4)

See footnotes at end of table.

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Table C-2: Building Permit Activity: Valuation, by Type of Building Construction and Region ¹--Continued

Type of building construction	Valuation (in millions of dollars)						Percent change, first 10 months 1956-57
	1956	1957			First 10 months		
	Oct.	Aug.	Sept.	Oct.	1956	1957	
	South						
All building construction ²	387.3	387.3	380.3	400.0	3,872.7	3,997.0	+ 3
New dwelling units ³	202.6	203.6	199.4	210.4	2,061.6	2,036.7	- 1
New nonresidential building.....	139.5	129.8	137.1	144.0	1,355.1	1,449.2	+ 7
Commercial buildings *.....	47.1	42.1	53.7	63.8	538.2	566.3	+ 5
Amusement buildings *.....	1.0	3.1	3.3	2.2	22.0	30.7	+40
Commercial garages .....	.7	.6	1.0	2.2	11.7	9.8	-16
Gasoline and service stations.....	5.6	3.8	4.2	4.2	47.7	44.0	- 8
Office buildings*.....	8.9	13.3	21.2	35.7	191.2	243.2	+27
Stores and other mercantile bldgs. ..	30.9	21.3	24.0	19.5	265.7	238.6	-10
Community buildings*.....	60.2	60.7	50.0	54.3	475.9	540.3	+14
Educational buildings.....	31.8	24.2	30.7	30.5	265.0	296.6	+12
Institutional buildings *.....	17.0	19.6	8.7	12.4	93.4	119.9	+28
Religious buildings.....	11.4	16.8	10.6	11.4	117.4	123.9	+ 6
Garages, private residential	1.9	1.8	1.9	2.0	16.7	16.9	+ 1
Industrial buildings*.....	15.1	12.2	21.3	12.1	161.5	172.6	+ 7
Public utilities buildings *	8.3	7.5	4.5	7.3	75.1	78.4	+ 4
All other nonresidential buildings *	7.0	5.6	5.7	4.5	87.7	74.6	-15
Additions, alterations, and repairs.....	41.6	49.1	39.9	41.4	417.7	457.0	+ 9
	West						
All building construction ²	382.6	362.5	336.4	388.6	3,959.2	3,744.6	- 5
New dwelling units ³	201.3	201.1	191.3	227.1	2,136.6	2,020.1	- 5
New nonresidential building	140.0	116.4	103.4	118.4	1,403.0	1,287.7	- 8
Commercial buildings*.....	45.5	32.7	38.1	46.1	435.2	408.3	- 6
Amusement buildings *	1.7	2.0	1.7	2.0	23.8	25.3	+ 6
Commercial garages .....	.7	1.0	.8	.4	9.3	12.3	+32
Gasoline and service stations	3.2	2.3	2.8	2.5	25.0	24.6	- 2
Office buildings*.....	18.1	13.4	18.2	18.7	154.2	159.4	+ 3
Stores and other mercantile bldgs. ..	21.8	14.1	14.7	22.5	222.9	186.8	-16
Community buildings*.....	51.1	42.3	37.7	39.8	407.4	412.2	+ 1
Educational buildings.....	42.2	29.3	26.8	26.3	280.7	275.5	- 2
Institutional buildings *	2.3	6.1	3.1	5.9	60.5	73.4	+21
Religious buildings.....	6.6	6.9	7.9	7.6	66.2	63.2	- 5
Garages, private residential	3.2	3.0	3.0	2.8	28.7	26.4	- 8
Industrial buildings*.....	25.8	18.6	13.2	18.9	329.8	218.0	-34
Public utilities buildings*.....	4.4	7.5	4.0	4.4	58.5	75.8	+30
All other nonresidential buildings *	9.9	12.2	7.3	6.4	143.5	147.1	+ 3
Additions, alterations, and repairs.....	37.9	40.9	38.7	39.1	383.0	400.0	+ 4

Source: Department of Labor. ¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2. ² Includes new nonhousekeeping residential building, not shown separately. ³ Housekeeping only. ⁴ Change of less than one-half of 1 percent. * Includes some buildings previously classified under "public buildings," which will no longer be shown separately. Distribution of public buildings to other categories (e.g., office, industrial, institutional) was begun with data for January 1956. See Note on page 17 of October 1957 issue.

Table C-3: Building Permit Activity: Number of Nonresidential Buildings, by Type of Building

Type of construction	1956	1957							
	Oct.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Amusement buildings *	183	198	312	304	260	276	199	185	220
Commercial garages	274	196	191	163	177	97	126	125	126
Educational buildings	451	410	443	445	420	453	383	370	380
Garages, private residential	25,303	14,850	20,955	24,063	21,864	23,354	24,658	25,717	22,505
Gasoline and service stations	1,036	883	905	958	846	864	856	850	837
Industrial buildings	1,491	1,258	1,282	1,234	1,151	1,364	1,163	1,300	1,348
Institutional buildings *	127	99	114	99	142	127	110	109	126
Office buildings	660	709	791	729	627	707	707	638	725
Religious buildings	534	504	562	592	514	634	567	574	555
Stores and other mercantile buildings	2,841	2,658	2,758	2,771	2,591	2,641	2,192	2,230	2,190

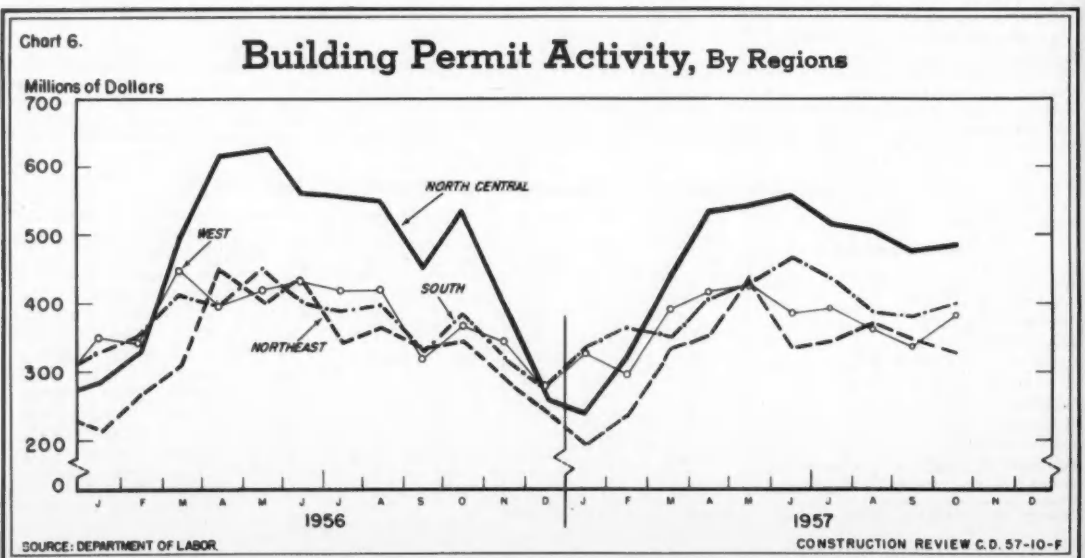
Source: Department of Labor. * See asterisk note to table C-2 above.

CONSTRUCTION REVIEW

Table C-4: Building Permit Activity: Valuation and Number of New Dwelling Units, by Type of Structure, Public-Private Ownership, and Region ¹

Ownership and type of structure	Valuation (in millions of dollars)					Number of dwelling units				
	1956		1957		First 10 months	1956		1957		First 10 months
	Oct.	Sept.	Oct.	Sept.	1957	Oct.	Sept.	Oct.	1956	1957
	UNITED STATES									
All new dwelling units..	866.1	795.7	867.4	8,949.2	8,014.8	79,549	71,947	79,178	832,773	735,675
Privately owned	839.0	784.0	825.0	8,784.4	7,801.6	77,062	70,720	74,803	816,066	715,244
1-family	777.2	696.5	730.6	8,153.9	6,932.4	67,192	58,237	60,545	720,111	585,284
2-4 family	27.7	29.3	31.8	262.4	288.9	4,148	4,197	4,603	38,446	42,040
5-or-more family	34.1	58.2	62.5	368.0	580.3	5,722	8,286	9,655	57,509	87,920
Publicly owned	27.1	11.7	42.5	164.9	213.2	2,487	1,227	4,375	16,707	20,431
Northeast										
All new dwelling units..	193.1	157.4	176.8	1,928.6	1,611.8	17,082	14,007	15,538	174,840	140,549
Privately owned	184.3	156.6	159.6	1,847.9	1,553.3	16,215	13,899	13,639	166,200	134,945
1-family	168.5	141.8	142.3	1,693.2	1,377.8	14,004	11,677	11,246	145,508	112,092
2-4 family	6.2	6.5	6.1	59.4	52.5	862	919	826	8,071	7,235
5-or-more family	9.5	8.3	11.1	95.2	122.9	1,349	1,303	1,567	12,621	15,618
Publicly owned	8.8	.8	17.2	80.7	58.6	867	108	1,899	8,640	5,604
North Central										
All new dwelling units..	269.1	247.6	253.1	2,822.5	2,346.2	21,486	19,326	19,844	226,028	183,889
Privately owned	267.4	245.0	250.2	2,783.7	2,312.4	21,250	19,086	19,522	222,097	180,475
1-family	254.7	227.2	230.2	2,652.9	2,122.4	19,608	16,933	17,068	207,107	157,859
2-4 family	8.2	8.6	10.1	77.8	92.0	898	894	1,126	8,064	9,928
5-or-more family	4.6	9.2	9.8	53.0	97.9	744	1,259	1,328	6,926	12,688
Publicly owned	1.7	2.6	3.0	38.8	33.9	236	240	322	3,931	3,414
South										
All new dwelling units..	202.6	199.4	210.4	2,061.6	2,036.7	21,457	20,165	21,558	219,423	209,796
Privately owned	187.4	191.3	203.1	2,028.2	1,947.8	20,245	19,316	20,741	216,385	201,244
1-family	178.0	177.9	184.6	1,903.5	1,796.2	18,457	16,855	17,552	195,090	174,073
2-4 family	4.6	4.8	5.5	46.7	49.5	917	955	1,050	9,238	9,701
5-or-more family	4.8	8.7	13.0	78.0	102.1	871	1,506	2,139	12,057	17,470
Publicly owned	15.1	8.1	7.3	33.3	88.9	1,212	849	817	3,038	8,552
West										
All new dwelling units..	201.3	191.3	227.1	2,136.6	2,020.1	19,524	18,449	22,238	212,482	201,441
Privately owned	199.9	191.0	212.2	2,124.6	1,988.3	19,352	18,419	20,901	211,384	198,580
1-family	175.9	149.6	173.4	1,904.3	1,635.9	15,123	12,772	14,679	172,406	141,260
2-4 family	8.8	9.4	10.3	78.5	95.1	1,471	1,429	1,601	13,073	15,176
5-or-more family	15.2	32.0	28.5	141.8	257.3	2,758	4,218	4,621	25,905	42,144
Publicly owned	1.5	.3	14.9	12.0	31.9	172	30	1,337	1,098	2,861

Source: Department of Labor.

¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

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Table C-5: Building Permit Activity: Valuation, by Metropolitan-Nonmetropolitan Location and by State

(Millions of dollars)

State	1956	1957					First 9 months		Percent change, 1st 9 mos. 1956-57
	Sept.	May	June	July	Aug.	Sept.	1956	1957	
ALL STATES	1,439.3	1,829.7	1,748.7	1,693.4	1,626.1	1,543.3	14,720.7	14,067.2	- 4
Metropolitan areas	1,100.1	1,423.9	1,350.6	1,302.5	1,261.8	1,197.0	11,501.5	10,935.8	- 5
Nonmetropolitan areas	339.2	405.8	398.1	390.9	364.3	346.3	3,219.2	3,131.4	- 3
Alabama	14.2	19.9	15.4	18.7	13.8	14.1	133.0	145.6	+ 9
Arizona	12.4	18.4	20.3	19.3	20.1	19.4	142.2	178.7	+26
Arkansas	5.3	6.2	4.7	8.4	5.4	5.7	45.8	57.1	+25
California	205.7	301.4	263.8	273.4	250.7	229.0	2,462.1	2,346.1	- 5
Colorado	16.8	21.0	24.0	25.3	18.1	18.3	197.7	194.1	- 2
Connecticut	29.8	41.2	33.2	43.7	40.5	36.3	282.4	315.9	+12
Delaware	3.2	4.9	9.3	8.5	7.4	5.9	48.3	56.0	+16
District of Columbia	5.7	6.3	14.4	13.0	2.9	13.2	42.4	107.9	+154
Florida	61.7	88.3	86.6	88.9	81.4	74.5	633.9	718.2	+13
Georgia	20.2	19.3	16.7	21.9	18.9	24.3	200.8	191.5	- 5
Idaho	4.3	3.9	3.6	3.3	4.0	3.0	31.7	29.2	- 8
Illinois	106.9	115.9	120.1	109.0	103.9	105.7	1,047.3	963.1	- 8
Indiana	34.1	34.9	42.2	37.8	49.0	43.9	340.8	336.0	- 1
Iowa	16.7	16.4	18.5	18.2	14.7	17.1	139.6	123.6	-11
Kansas	11.4	12.3	10.6	15.8	17.9	12.6	115.7	105.8	- 9
Kentucky	13.9	22.4	18.8	16.1	14.5	16.5	136.2	141.3	+ 4
Louisiana	19.7	24.6	27.2	23.2	20.9	20.1	217.9	191.0	-12
Maine	3.9	4.9	3.4	3.3	1.8	3.2	27.8	24.4	-12
Maryland	26.5	44.6	53.2	40.7	32.5	29.3	337.0	332.4	- 1
Massachusetts	47.2	42.3	45.5	50.9	42.6	31.5	362.1	349.9	- 3
Michigan	82.7	97.6	107.8	91.1	87.9	82.5	862.4	733.9	-15
Minnesota	40.2	53.7	47.4	42.1	35.2	40.1	307.8	310.4	+ 1
Mississippi	5.2	3.2	7.8	4.4	4.4	6.3	42.0	40.9	- 3
Missouri	22.4	16.8	29.1	35.0	29.4	27.7	242.1	224.0	- 7
Montana	5.9	3.9	4.0	3.4	2.6	3.1	36.4	28.7	-21
Nebraska	6.4	15.2	6.6	7.0	8.3	5.7	65.1	61.6	- 5
Nevada	5.7	3.6	3.9	3.5	4.7	4.0	36.4	37.8	+ 4
New Hampshire	2.9	3.0	2.6	3.0	2.1	1.6	28.7	21.5	-25
New Jersey	62.8	71.8	68.4	60.3	71.8	65.0	627.4	559.2	-11
New Mexico	7.0	7.9	10.4	6.7	5.5	7.6	58.0	66.2	+14
New York	129.6	198.0	105.6	101.2	114.1	143.3	1,161.5	1,050.8	-10
North Carolina	14.4	18.5	15.5	16.9	17.6	16.9	178.0	154.4	-13
North Dakota	4.0	5.4	4.1	5.7	5.4	5.0	34.3	30.9	-10
Ohio	83.8	123.9	125.7	101.3	108.1	93.3	959.2	873.5	- 9
Oklahoma	13.0	10.6	8.5	13.8	13.2	9.3	109.7	93.0	-15
Oregon	16.3	14.0	13.2	14.6	13.7	12.3	149.6	112.0	-25
Pennsylvania	55.1	72.0	74.1	75.8	93.0	53.4	619.1	596.1	- 4
Rhode Island	3.5	5.2	3.9	5.3	5.3	5.3	48.2	35.6	-26
South Carolina	5.1	5.1	5.9	7.3	6.2	5.3	59.0	51.9	-12
South Dakota	3.2	4.1	2.5	4.6	3.5	3.4	30.3	28.0	- 8
Tennessee	15.5	21.6	22.0	16.9	15.8	14.2	167.5	143.5	-14
Texas	71.9	87.0	91.3	101.5	83.6	88.0	719.8	792.2	+10
Utah	12.6	14.2	12.2	9.4	9.8	10.2	123.8	89.1	-28
Vermont	2.8	.9	.5	.6	.6	7.0	8.7	12.6	+45
Virginia	31.2	36.4	51.5	32.4	34.0	32.2	363.7	311.2	-14
Washington	32.7	32.5	28.9	31.8	31.3	26.4	319.4	257.6	-19
West Virginia	5.1	6.8	16.4	6.9	14.8	4.5	50.3	68.2	+36
Wisconsin	36.6	45.9	44.9	49.3	41.0	42.7	348.4	357.3	+ 3
Wyoming	2.0	1.8	2.2	2.5	2.1	3.1	19.5	16.9	-13

Source: Department of Labor.

Table C-6: Building Permit Activity: Number of New Dwelling Units, by Metropolitan-Nonmetropolitan Location and by State

State	(Housekeeping units only)								Percent change, 1st 9 mos. 1956-57
	1956	1957					First 9 months		
	Sept.	May	June	July	Aug.	Sept.	1956	1957	
ALL STATES	69,950	85,702	79,911	75,949	80,298	71,947	753,224	656,497	-13
Metropolitan areas	52,755	66,722	62,069	56,961	62,531	53,916	577,291	504,488	-13
Nonmetropolitan areas	17,195	18,980	17,842	18,988	17,767	18,031	175,933	152,009	-14
Alabama	1,203	1,175	1,083	1,389	1,106	1,108	9,776	9,844	+ 1
Arizona	814	1,258	1,182	1,375	1,378	1,562	9,043	11,841	+31
Arkansas	242	316	297	299	298	384	2,811	2,801	(1)
California	11,247	17,329	14,030	12,755	13,748	12,855	140,033	130,384	- 7
Colorado	1,014	966	1,166	1,270	1,158	1,014	11,740	9,595	-18
Connecticut	1,345	1,624	1,474	1,628	1,771	1,209	13,556	12,629	- 7
Delaware	240	237	329	170	280	132	2,372	1,782	-25
District of Columbia	137	348	573	199	48	51	1,416	1,811	+28
Florida	4,464	6,529	5,026	5,820	5,442	4,773	43,542	47,284	+ 9
Georgia	1,113	1,262	1,253	1,516	1,258	1,409	13,379	11,250	-16
Idaho	134	176	106	129	138	141	1,219	1,075	-12
Illinois	4,299	5,160	4,982	3,969	4,313	3,655	46,781	37,442	-20
Indiana	1,664	1,412	1,560	1,757	1,732	1,529	15,879	12,116	-24
Iowa	540	650	606	602	629	476	6,581	4,507	-32
Kansas	613	556	522	557	631	545	6,626	4,878	-26
Kentucky	663	1,284	673	766	661	835	7,364	6,327	-14
Louisiana	877	927	937	1,050	884	997	9,218	8,440	- 8
Maine	122	199	115	116	90	101	1,134	935	-18
Maryland	1,421	2,319	3,214	1,957	1,771	1,365	17,981	18,107	+ 1
Massachusetts	1,781	1,952	1,688	1,532	1,397	1,233	18,075	12,685	-30
Michigan	4,394	4,179	4,284	4,093	4,676	3,808	40,623	32,354	-20
Minnesota	1,789	1,527	1,780	1,368	1,431	1,794	12,977	11,006	-15
Mississippi	198	239	268	296	249	168	2,347	1,916	-18
Missouri	1,210	794	920	1,085	1,269	1,097	11,002	8,206	-25
Montana	169	159	145	99	111	130	1,480	1,002	-32
Nebraska	337	463	310	429	394	349	3,788	2,953	-22
Nevada	112	131	198	196	111	125	1,833	1,488	-19
New Hampshire	167	174	147	125	112	98	1,550	1,048	-32
New Jersey	3,116	3,444	3,725	2,982	3,166	3,210	34,428	27,171	-21
New Mexico	543	388	502	508	392	547	3,641	4,022	+10
New York	5,903	6,140	5,068	4,908	7,285	5,306	59,248	45,436	-23
North Carolina	778	841	762	722	812	893	8,678	7,014	-19
North Dakota	160	191	134	167	205	232	1,275	1,136	-11
Ohio	3,961	4,544	5,060	4,357	4,556	3,991	41,566	34,117	-18
Oklahoma	522	473	407	532	525	493	5,903	4,354	-26
Oregon	497	445	402	422	393	347	5,483	3,464	-37
Pennsylvania	2,309	3,048	3,124	2,356	3,849	2,547	27,137	22,935	-15
Rhode Island	226	281	282	224	195	266	2,374	1,920	-19
South Carolina	257	339	231	240	338	266	3,147	2,581	-18
South Dakota	144	129	92	94	125	175	1,292	815	-37
Tennessee	743	874	886	909	962	917	9,444	7,541	-20
Texas	3,180	4,328	4,000	4,838	4,217	4,478	36,945	38,618	+ 5
Utah	730	449	604	423	662	535	5,443	4,483	-18
Vermont	21	48	35	29	33	37	256	252	- 2
Virginia	1,645	2,426	2,023	1,871	2,103	1,678	21,130	16,495	-22
Washington	1,064	1,489	1,428	1,589	1,468	1,108	12,183	11,143	- 9
West Virginia	316	292	247	274	273	218	2,513	2,073	-18
Wisconsin	1,450	2,094	1,925	1,872	1,533	1,675	16,152	14,515	-10
Wyoming	76	94	106	85	120	85	860	706	-18

Source: Department of Labor.

¹ Change of less than one-half of 1 percent.

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Table C-7: Building Permit Activity: Valuation, in Selected Metropolitan Areas

(Millions of dollars)

Metropolitan area	1956	1957					First 9 months		Percent change, 1st 9 mos. 1956-57
	Sept.	May	June	July	Aug.	Sept.	1956	1957	
Atlanta, Ga.	12.0	11.2	8.6	11.1	11.8	14.2	112.5	113.4	+ 1
Baltimore, Md.	14.0	26.2	29.5	18.3	14.7	11.4	171.6	175.2	+ 2
Birmingham, Ala.	4.3	8.0	6.0	6.7	5.3	4.7	54.2	53.4	- 1
Boston, Mass.	22.6	26.1	20.7	27.7	23.7	17.0	189.6	194.1	+ 2
Buffalo, N. Y.	13.2	24.5	15.8	14.0	11.0	14.1	131.0	121.7	- 7
Chicago, Ill.	93.1	103.9	111.4	95.1	102.5	94.5	932.1	879.8	- 6
Cleveland, Ohio	21.7	31.9	47.9	31.4	34.8	26.9	309.1	264.3	-14
Columbus, Ohio	9.5	17.7	11.4	14.1	13.6	13.1	107.2	103.4	- 4
Denver, Colo.	10.2	11.4	13.2	14.6	11.3	11.1	117.4	118.0	+ 1
Detroit, Mich.	47.1	66.0	64.3	55.0	54.9	54.3	547.3	469.6	-14
Indianapolis, Ind.	8.1	8.3	10.2	12.8	10.6	10.8	99.2	90.4	- 9
Los Angeles, Calif.	94.6	148.9	121.3	117.2	118.5	104.7	1,232.5	1,113.5	-10
Miami, Fla.	18.3	30.6	33.6	26.4	25.8	19.2	206.7	232.8	+13
Milwaukee, Wis.	13.7	18.6	22.9	18.1	19.5	15.7	145.5	152.3	+ 5
New York-Northeastern New Jersey	128.1	190.4	106.8	94.7	125.7	153.9	1,208.7	1,078.0	-11
Norfolk-Portsmouth, Va.	5.8	4.1	19.3	4.5	5.0	4.3	60.6	55.9	- 8
Philadelphia, Pa.	35.7	41.9	42.2	42.5	62.5	32.8	406.6	366.6	-10
Phoenix, Ariz.	8.1	10.8	12.9	13.5	15.0	13.0	92.3	110.2	+19
Rochester, N. Y.	9.7	5.9	13.7	5.9	5.9	6.2	56.4	55.6	- 1
Salt Lake City, Utah	9.5	4.8	5.4	5.7	6.0	6.2	57.1	46.0	-19
San Diego, Calif.	13.1	23.9	20.0	16.7	20.0	16.5	137.5	175.2	+27
San Francisco-Oakland, Calif.	35.0	39.0	33.5	47.8	35.5	43.7	365.2	338.8	- 7
Seattle, Wash.	20.0	15.2	13.8	17.9	15.4	12.8	142.1	127.3	-10
Washington, D. C.	20.3	27.0	*72.3	36.2	27.7	32.3	252.8	285.6	+13

Source: Department of Labor. * Revised.

Table C-8: Building Permit Activity: Number of New Dwelling Units, in Selected Metropolitan Areas

(Housekeeping only)

Metropolitan area	1956	1957					First 9 months		Percent change, 1st 9 mos. 1956-57
	Sept.	May	June	July	Aug.	Sept.	1956	1957	
Atlanta, Ga.	667	742	649	688	713	623	7,736	6,075	-21
Baltimore, Md.	596	1,270	2,149	781	837	489	8,883	10,053	+13
Birmingham, Ala.	301	502	421	504	382	410	3,319	3,647	+10
Boston, Mass.	715	962	643	768	669	507	7,753	5,713	-26
Buffalo, N. Y.	652	829	823	768	643	640	7,620	5,644	-26
Chicago, Ill.	3,882	4,579	4,586	3,374	3,752	3,082	41,042	33,050	-19
Cleveland, Ohio	816	1,131	1,563	1,109	1,388	1,094	10,112	9,289	- 8
Columbus, Ohio	515	728	501	670	437	491	5,393	4,186	-22
Denver, Colo.	603	605	807	807	789	605	7,227	6,273	-13
Detroit, Mich.	2,330	2,574	2,705	2,452	2,536	2,438	26,219	19,824	-24
Indianapolis, Ind.	587	355	419	559	542	443	4,272	3,568	-16
Los Angeles, Calif.	5,192	8,976	6,570	5,436	6,589	5,848	70,751	63,562	-10
Miami, Fla.	1,425	2,677	1,489	1,873	1,188	1,127	12,968	14,276	+10
Milwaukee, Wis.	510	931	1,016	850	590	709	6,594	6,807	+ 3
New York-Northeastern New Jersey	6,034	6,466	5,658	4,966	7,494	5,645	61,186	48,334	-21
Norfolk-Portsmouth, Va.	245	330	399	296	426	155	3,750	2,469	-34
Philadelphia, Pa.	1,694	2,105	2,100	1,503	3,392	2,018	19,966	16,556	-17
Phoenix, Ariz.	508	874	905	1,104	1,126	1,243	6,140	8,793	+43
Rochester, N. Y.	323	310	259	267	258	211	2,670	2,128	-20
Salt Lake City, Utah	527	206	314	240	367	312	3,050	2,275	-25
San Diego, Calif.	981	1,559	1,326	1,094	1,323	1,263	9,455	11,778	+25
San Francisco-Oakland, Calif.	1,457	1,981	1,557	1,868	1,719	1,504	17,838	14,208	-20
Seattle, Wash.	543	804	784	976	858	554	5,709	6,157	+ 8
Washington, D. C.	1,048	1,430	1,358	1,455	1,332	877	13,306	10,554	-21

Source: Department of Labor.

CONSTRUCTION REVIEW

Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas,
by Type of Building Construction

September 1957 (Thousands of dollars)

Type of building construction	Atlanta, Ga.	Baltimore Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio	Columbus, Ohio
All building construction ¹	14,186	11,431	4,685	17,038	14,064	94,495	26,890	13,109
New dwelling units ²	5,883	5,493	3,050	5,946	7,434	46,203	17,055	6,826
New nonresidential building	6,923	5,179	1,025	6,850	5,446	40,956	7,212	2,400
Commercial buildings*	1,624	4,597	578	1,547	1,256	9,440	3,256	180
Amusement buildings*	3	109	0	16	85	1,175	260	0
Commercial garages	51	0	0	2	63	0	0	15
Gasoline and service stations	174	103	56	80	234	844	241	46
Office buildings	653	80	236	51	85	3,204	309	0
Stores and other mercantile bldgs.	744	4,305	286	1,399	789	4,217	2,447	119
Community buildings	5,142	107	228	3,819	2,660	14,695	1,131	618
Educational buildings	744	0	170	2,083	2,235	11,526	745	196
Institutional buildings	3,800	0	0	300	0	1,473	354	0
Religious buildings	598	107	57	1,436	425	1,696	32	422
Garages, private residential	16	68	28	217	503	3,024	823	225
Industrial buildings*	135	323	186	1,106	626	12,789	872	1,246
Public utilities buildings*	0	18	0	148	0	540	658	0
All other nonresidential buildings*	6	67	4	15	401	467	472	132
Additions, alterations, and repairs	1,230	760	610	4,242	872	7,257	2,613	3,881
	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles, Calif.	Miami, Fla.	Milwaukee, Wis.	New York-Northeastern New Jersey	Norfolk-Portsmouth, Va.
All building construction ¹	11,118	54,272	10,823	104,746	19,212	15,701	153,930	4,273
New dwelling units ²	6,310	30,679	5,412	61,646	9,791	8,778	63,447	1,769
New nonresidential building	3,014	17,539	4,830	31,198	5,818	5,557	73,657	1,959
Commercial buildings*	740	2,397	2,289	13,348	2,558	1,332	50,365	982
Amusement buildings*	185	186	0	639	35	0	308	237
Commercial garages	31	40	670	262	0	929	100	0
Gasoline and service stations	154	433	167	437	313	51	446	28
Office buildings*	120	538	390	6,471	814	135	42,661	79
Stores and other mercantile bldgs.	250	1,200	1,061	5,540	1,395	217	6,850	638
Community buildings	1,522	7,086	1,750	9,023	2,457	3,247	15,813	636
Educational buildings	1,408	4,086	425	6,936	2,382	2,515	9,788	12
Institutional buildings*	0	1,346	1,275	967	17	0	4,501	0
Religious buildings	114	1,654	50	1,120	58	732	1,524	624
Garages, private residential	198	3,045	226	608	59	603	1,415	41
Industrial buildings*	430	3,147	476	3,690	532	252	4,663	298
Public utilities buildings*	18	1,381	5	1,278	0	0	362	0
All other nonresidential buildings*	106	483	85	3,251	213	123	1,039	3
Additions, alterations, and repairs	1,774	5,442	580	11,498	2,753	1,326	16,604	344
	Philadelphia, Pa.	Phoenix, Ariz.	Rochester, N. Y.	Salt Lake City, Utah	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All building construction ¹	32,796	12,956	6,151	6,226	16,481	43,728	12,791	32,339
New dwelling units ²	21,948	10,878	2,839	4,113	12,431	15,920	6,796	11,218
New nonresidential building	5,328	1,534	2,739	1,696	2,854	20,884	3,641	17,794
Commercial buildings*	1,464	805	253	736	1,161	10,191	661	4,488
Amusement buildings*	193	0	178	145	0	91	0	427
Commercial garages	24	9	0	0	0	31	0	200
Gasoline and service stations	292	130	25	60	30	254	97	56
Office buildings*	185	461	50	106	456	7,447	85	2,810
Stores and other mercantile bldgs.	771	205	0	424	675	2,368	479	995
Community buildings	2,148	377	1,948	580	578	6,891	2,097	4,275
Educational buildings	1,154	45	1,712	0	125	5,672	1,157	3,814
Institutional buildings*	0	290	0	0	45	0	150	300
Religious buildings	994	42	236	580	408	1,219	790	161
Garages, private residential	420	9	135	113	291	164	96	54
Industrial buildings*	897	257	185	215	679	1,632	569	8,071
Public utilities buildings*	224	23	175	0	0	1,261	47	0
All other nonresidential buildings*	174	63	42	52	146	744	171	906
Additions, alterations, and repairs	5,501	510	546	418	1,183	6,904	2,054	3,328

Source: Department of Labor.

¹ Includes new nonhousekeeping residential building, not shown separately.² Housekeeping only.

* Includes some buildings previously classified under "public buildings," which will no longer be shown separately. Distribution of public buildings to other categories (e.g., office, industrial, institutional) was begun with data for January 1956. See Note on page 17 of October 1957 issue.

Part D-Contracts

25

Table D-1: Contract Awards: Public Construction, by Ownership and Type of Construction¹

Ownership and type of construction	Value (in millions of dollars)									Percent change, first 10 months, 1956-57
	1956	1957							First 10 months	
	Oct.	May	June	July	Aug.	Sept.	Oct.	1956	1957	
TOTAL PUBLIC CONSTRUCTION	837.9	1,119.3	1,315.9	1,132.8	865.3	732.1	879.4	8,778.9	9,815.0	+12
FEDERALLY OWNED	151.9	218.5	385.9	145.1	53.3	49.8	129.2	1,742.0	2,064.2	+18
Residential buildings	8.9	64.5	30.6	60.3	1.4	1.5	56.5	107.0	401.2	+275
Nonresidential buildings	97.6	69.7	205.8	30.9	13.9	14.0	40.3	801.3	659.1	-18
Educational	6.7	1.0	7.6	2.1	(2)	.2	.3	21.4	45.9	+114
Hospital and institutional	6.8	1.4	29.1	.3	.1	.7	3.7	42.3	58.4	+38
Administrative and service	5.1	11.2	64.5	10.1	4.8	1.7	23.7	80.5	132.9	+65
Other nonresidential buildings	79.0	56.1	104.6	18.4	9.0	11.4	12.6	657.1	421.9	-36
Airfield buildings	1.8	11.5	23.3	14.0	.8	2.3	3.8	62.7	89.6	+43
Troop housing	20.3	7.7	9.2	.2	(2)	1.1	(2)	106.3	57.7	-46
Warehouses	2.0	5.9	11.3	.9	.5	.3	(2)	58.4	34.9	-40
All other	54.9	31.0	60.8	3.3	7.7	7.7	8.8	429.7	239.7	-44
Airfields	4.7	24.8	26.4	(2)	1.8	3.1	3.5	106.1	178.9	+69
Conservation and development	27.9	31.3	73.5	42.1	14.4	14.5	18.6	421.9	523.0	+24
Highways	9.3	6.8	12.1	9.0	7.5	8.6	7.6	76.0	84.2	+11
Electric power	1.6	5.7	6.0	1.1	2.4	.9	.8	171.5	76.7	-55
All other federally owned	1.9	15.7	31.5	1.7	11.9	7.2	1.9	58.2	141.1	+142
STATE AND LOCALLY OWNED	686.0	900.8	930.0	987.7	812.0	682.3	750.2	7,036.9	7,750.8	+10
Residential buildings	23.0	21.7	27.5	38.8	44.3	20.4	55.2	221.8	283.2	+28
Nonresidential buildings	252.8	345.2	337.8	267.0	305.5	278.1	303.5	2,677.1	2,903.0	+8
Educational	175.0	237.6	231.9	183.0	223.2	201.0	215.4	1,888.2	2,079.4	+10
Hospital and institutional	28.2	43.6	35.8	22.2	19.6	15.5	41.6	249.7	251.5	+1
Administrative and service	27.7	23.3	34.2	28.7	36.8	31.7	19.7	276.9	272.0	-2
Other nonresidential buildings	21.9	40.7	35.9	33.1	25.9	29.9	26.8	262.3	300.1	+14
Highways	269.1	306.7	414.7	540.8	293.5	272.3	248.0	2,693.0	3,218.4	+20
Sewer and water systems	93.7	172.6	103.7	80.7	75.1	69.8	77.0	954.0	846.3	-11
Sewer	50.3	94.4	74.4	55.5	53.5	47.8	42.7	573.6	509.9	-11
Water	43.4	78.2	29.3	25.2	21.6	22.0	34.3	380.4	336.4	-12
Public service enterprises	26.0	27.3	33.3	38.7	74.7	26.6	48.2	280.1	329.8	+18
Electric power	17.8	9.0	23.7	14.7	61.6	10.1	24.3	198.1	185.4	-6
Other	8.2	18.3	9.6	24.0	13.1	16.5	23.9	82.0	144.4	+76
Conservation and development	12.9	20.3	4.8	12.3	10.8	7.8	8.4	129.4	94.6	-27
All other State and locally owned	8.5	7.0	8.2	9.4	8.1	7.3	9.9	81.5	75.5	-7

Source: Departments of Commerce and Labor.
² Less than \$50,000.

¹ Includes major force-account projects started, principally by TVA and State highway departments.

Table D-2: Contract Awards: Highway Construction, by Ownership, Source of Funds, and Type of Facility¹

Ownership, source of funds, and type of facility	Value (in millions of dollars)									Percent change, first 10 months, 1956-57
	1956	1957							First 10 months	
	Oct.	May	June	July	Aug.	Sept.	Oct.	1956	1957	
ALL HIGHWAY CONSTRUCTION	278.4	313.5	426.8	549.8	301.0	280.9	255.6	2,769.0	3,302.6	+19
FEDERALLY OWNED	9.3	6.8	12.1	9.0	7.5	8.6	7.6	76.0	84.2	+11
STATE OWNED	222.2	241.2	358.5	491.0	240.9	223.3	211.9	2,271.3	2,791.4	+23
Federally aided projects:										
Total value	157.5	186.6	261.8	297.1	185.1	167.3	173.6	1,380.1	1,953.7	+42
Federal funds	95.2	117.3	174.9	200.8	114.7	110.9	123.0	734.3	1,285.8	+75
Independent State projects:										
Total value	64.7	54.6	96.7	193.9	55.8	56.0	38.3	891.2	837.7	-6
Toll facilities	18.3	10.5	3.7	127.0	0	.3	.6	309.5	307.5	-1
LOCALLY OWNED ²	46.9	65.5	56.2	49.8	52.6	49.0	36.1	421.7	427.0	+1

Source: Departments of Commerce and Labor.
 polities and counties.

¹ Includes force-account work started on Federal and State projects.

² By municipi-

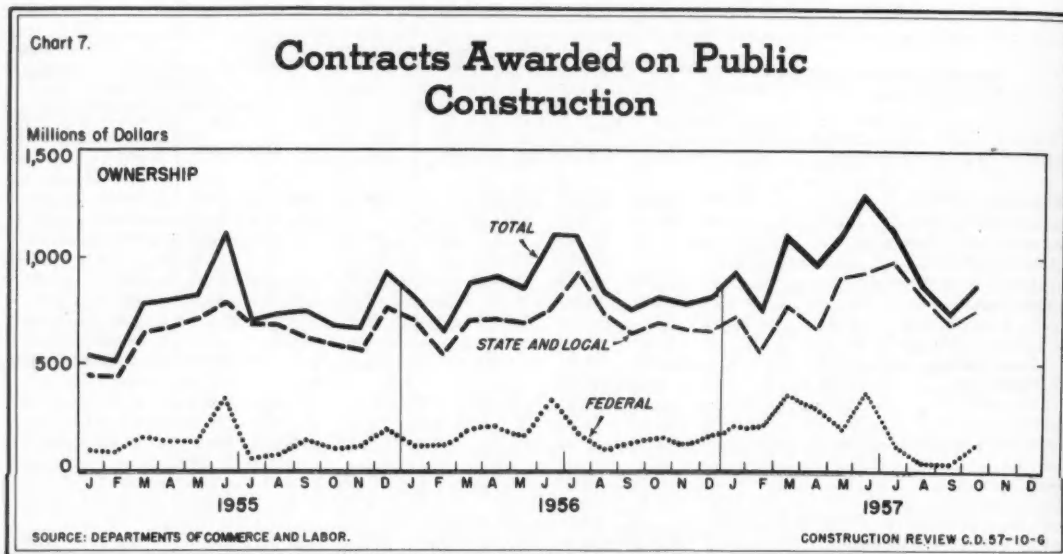


Table D-3: Value of Construction Contracts Reported by the F. W. Dodge Corporation

Type of construction	Value (in millions of dollars)			Percent change, first 11 months 1956-57
	Nov. 1957	First 11 months		
		1957	1956	
TOTAL	2,371	30,211	29,555	+ 2
Building construction	1,808	22,895	22,614	+ 1
Residential	930	12,300	12,163	+ 1
Nonresidential	878	10,594	10,452	+ 1
Engineering	562	7,316	6,941	+ 5
Public works	444	5,085	4,939	+ 3
Utilities	118	2,231	2,002	+11

Source: Table compiled by Department of Commerce from data published by the F. W. Dodge Corporation.

Table D-4: Value of Construction Contract Awards Reported by the Engineering News-Record

Ownership and type of construction	Value (in millions of dollars)			Percent change
	Dec. 1957 ¹	Annual total		Year, 1956- 57
		1957	1956	
TOTAL	967	17,986	21,712	-17
Privately owned	410	8,386	13,490	-38
Publicly owned.....	557	9,600	8,222	+17
Private industrial buildings	137	3,072	5,335	-42
Buildings, except private industrial	455	7,799	9,775	-20
Highways and bridges	235	3,746	3,097	+21
Sewer systems	45	557	579	- 4
Water systems	31	368	356	+ 3
Unclassified and all other	63	2,444	2,570	- 5

Source: Table compiled by Department of Commerce from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways--\$44,000; other public works--\$73,000; industrial buildings--\$93,000; other buildings--\$344,000.

¹ Four weeks.

Part E--Costs

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Table E-1: Construction Cost Indexes

Compiler and coverage	Indexes (1947-49 = 100)									Percent change, Nov. 1956-57
	1957						1954	1955	1956	
	June	July	Aug.	Sept.	Oct.	Nov.	Nov.	Nov.	Nov.	
American Appraisal Company	141	142	142	143	143	143	127	131	137	+ 4
Associated General Contractors	150	151	151	152	152	152	134	138	145	+ 5
E. H. Boeckh and Associates (20 city average):										
Residences	132.2	132.8	132.9	132.8	132.2	132.2	121.0	125.7	130.3	+ 1
Apartments, hotels, and office buildings	141.5	142.4	142.5	142.6	142.3	142.2	127.5	132.9	138.7	+ 3
Commercial and factory buildings	143.8	145.2	145.3	145.4	145.1	145.1	128.6	134.3	140.7	+ 3
Engineering News-Record										
Building	149.9	150.6	153.6	153.4	153.6	153.6	135.6	142.5	148.8	+ 3
Construction	160.2	160.8	164.0	163.8	163.7	163.8	142.7	149.5	156.4	+ 5
Department of Commerce composite ¹	137	138	138	138	138	138	122	127	134	+ 3

Source: Department of Commerce. ¹ A composite of cost indexes representative of the major types of construction, weighted by the current relative importance of each type.

Table E-2: Indexes of Wholesale Prices of Building Materials, by Selected Classes

Commodity	Indexes (1947-49 = 100)									Percent change, Nov. 1956-57
	1957						1954	1955	1956	
	June	July	Aug.	Sept.	Oct.	Nov.	Nov.	Nov.	Nov.	
ALL BUILDING MATERIALS ¹	130.7	131.4	131.2	130.9	130.2	130.2	121.9	128.1	130.8	- 1
LUMBER AND WOOD PRODUCTS:										
Lumber	120.4	120.0	119.4	118.3	117.5	117.3	119.6	126.4	123.1	- 5
Douglas fir	118.0	117.8	117.0	114.5	113.3	112.0	125.2	130.1	122.0	- 8
Southern pine	114.1	114.5	113.5	113.3	113.4	114.1	113.9	117.4	118.8	- 4
Other softwoods	134.6	133.4	133.0	131.8	130.9	130.9	131.3	138.5	133.0	- 2
Hardwoods	119.4	119.0	118.4	118.4	117.1	117.3	111.7	122.9	123.2	- 5
Millwork	128.5	128.3	128.3	128.3	128.3	128.0	130.2	127.9	128.5	(2)
Plywood	97.7	96.9	95.2	94.7	96.9	96.4	104.3	105.9	94.8	+ 2
Softwood	94.2	92.6	89.3	88.3	91.6	90.6	110.4	108.9	87.7	+ 3
Hardwood	103.4	103.4	103.4	103.4	104.3	104.3	100.1	105.0	104.2	(2)
PAINT AND PAINT MATERIALS:										
Prepared paint	125.5	128.1	128.1	128.1	128.1	128.1	112.8	115.0	123.6	+ 4
Paint materials	99.7	99.9	100.5	101.5	102.2	101.6	96.6	97.1	99.4	+ 2
METAL PRODUCTS:										
Structural shapes	183.4	192.3	192.3	192.3	192.3	192.3	146.2	157.5	170.5	+13
Hardware, finish	155.3	155.3	155.3	155.3	155.3	155.4	138.0	143.9	150.2	+ 4
Plumbing equipment	129.1	129.1	129.0	128.9	128.5	128.5	118.7	133.1	133.9	- 4
Enameled iron fixtures	126.3	125.8	125.8	125.8	125.8	125.8	129.2	131.9	125.3	(2)
Vitreous china fixtures	124.2	124.2	124.2	124.2	124.2	124.2	111.7	124.1	124.2	0
Brass fittings	135.7	135.7	135.7	135.7	135.0	135.0	117.1	138.1	142.6	- 5
Heating equipment	121.9	122.8	122.3	122.3	122.3	122.4	114.3	117.4	122.0	(2)
Furnaces	128.5	129.1	128.3	127.7	128.0	128.0	121.1	123.2	130.3	- 2
Water heaters	107.3	107.6	106.3	105.9	105.1	105.1	108.2	112.0	108.4	- 3
Metal sash	138.1	142.8	142.8	142.8	142.8	142.8	132.5	146.3	148.3	- 4
NONMETALLIC MINERAL PRODUCTS:										
Glass, plate	145.7	145.7	145.7	145.7	145.7	145.7	132.0	137.5	145.7	0
Glass, window	145.9	145.9	145.9	145.9	145.9	145.9	131.3	138.8	145.9	0
Concrete ingredients	135.8	136.4	136.5	136.7	136.9	136.9	122.1	125.6	131.6	+ 4
Portland cement	147.2	147.2	147.2	147.2	147.2	147.2	128.3	132.3	141.4	+ 4
Concrete products	126.7	126.4	126.4	126.3	126.5	126.5	117.4	120.2	125.3	+ 1
Structural clay products	155.1	155.1	155.0	155.0	155.1	155.1	135.4	144.5	150.3	+ 3
Gypsum products	127.1	127.1	127.1	127.1	127.1	127.1	122.1	122.1	127.1	0
Asphalt roofing	125.8	125.8	125.8	124.6	124.6	124.6	106.1	101.0	114.4	+ 9
Insulation materials	103.1	103.1	103.1	103.5	103.4	103.4	107.3	105.7	100.3	+ 3
MISCELLANEOUS PRODUCTS:										
Building board	141.7	141.7	141.7	141.7	141.7	141.7	127.6	133.3	138.1	+ 3
Kitchen cabinets, metal	142.0	142.0	142.0	151.2	151.2	151.2	128.2	136.5	142.0	+ 7

Source: Department of Labor. ¹ Includes items not shown separately. ² Change of less than one-half of 1 percent.

CONSTRUCTION REVIEW

Table E-3: Wholesale Prices of Selected Building Materials

Commodity	Unit	1957		1956
		Oct.	Sept.	Oct.
LUMBER				
Douglas fir:				
Dimension, construction, 25% Standard green, S4S, 2"x4", R.L., mixed c/1, f.o.b. mill	M bd. ft.	\$61.243	\$62.867	\$67.116
Boards, construction, 25% Standard green, S4S, R.L., 1"x8", loose, mixed c/1 of boards and dimension, f.o.b. mill	M bd. ft.	50.735	53.475	61.552
Timbers, construction, 8"x8" to 12"x12", R.L., green, f.o.b. mill	M bd. ft.	70.385	71.071	79.282
Southern pine:				
Dimension, No. 2 and better, 2"x4"x16', dry, S.L., S4S, f.o.b. mill	M bd. ft.	84.599	84.599	86.255
Boards, No. 2 and better, 1"x6", dry, R.L., S4S, f.o.b. mill	M bd. ft.	76.490	76.308	81.794
Ponderosa pine boards, No. 3 common, 1"x8", R.L., S2 or 4S, c/1 or mixed cars, f.o.b. mill	M bd. ft.	67.690	68.810	70.830
Oak, red, flooring, plain, 25/32" thick, 2-1/4" face, select, f.o.b. mill	M bd. ft.	160.302	166.888	189.079
Maple flooring, 2d grade, 25/32" x2-1/4" face, f.o.b. mill	M bd. ft.	214.867	212.295	209.738
Poplar, plain, No. 2B common, 4/4", R.W., f.o.b. mill	M bd. ft.	60.000	60.000	60.000
Beech, No. 2 common, 4/4", R.W. & L., f.o.b. mill	M bd. ft.	56.000	56.000	56.000
MILLWORK				
Door, flush type, interior, hardwood face, premium grade, 2'6"x6'8"x1-3/8", f.o.b. factory, carlot freight allowed, zone 1	Each	7.960	7.960	8.130
Door frame, ponderosa pine, exterior, 1-5/16" x2" casing, with sill, f.o.b. factory	Each	9.338	9.338	9.394
Window, ponderosa pine, 2-light, check rail, open, f.o.b. factory	Each	1.681	1.681	1.668
PLYWOOD				
Douglas fir, interior, grade A-D, 1/4"x48"x96", f.o.b. mill	M sq. ft.	68.448	64.645	65.246
Douglas fir, interior, grade C-D, 5/16" x48"x96", f.o.b. mill	M sq. ft.	54.188	54.188	57.951
BOARD				
Insulation, fiber, 1/2"x48"x96", interior, f.o.b. plant, freight equalized	M sq. ft.	59.000	59.000	57.500
PREPARED PAINT				
Emulsion, water-thinned, inside, delivered	Gallon	2.743	2.743	2.608
Varnish, floor, first grade, delivered	Gallon	4.119	4.119	3.951
Enamel, white, gloss, first grade, delivered	Gallon	5.128	5.128	4.928
Inside, flat, white, first grade, delivered	Gallon	3.383	3.383	3.203
Outside, white, first grade, delivered	Gallon	4.808	4.808	4.610
METAL PRODUCTS				
Structural shapes, carbon steel, 6"x4"x1/2" angles, 30' long, ASTM spec. A-7, base quantity, f.o.b. mill	100 lb.	5.942	5.942	5.267
Bars, reinforcing, carbon steel, 3/4" rounds x 30' long with 10% shorts, spec. ASTM A-15, 50T, base quantity, f.o.b. mill	100 lb.	6.210	6.210	5.738
Sheets, galvanized, carbon steel, 24 gage x 30" wide x 96' long, commercial coating, base chemistry, base packaging, base quantity, f.o.b. mill	100 lb.	8.220	8.220	8.220
Pipe, standard, black, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, wt. 228 lbs., f.o.b. mill	100 ft.	19.814	19.814	18.376
Pipe, standard, galvanized, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, wt. 228 lbs., f.o.b. mill	100 ft.	23.264	23.264	22.516
Nails, wire, carbon steel, 8-penny, common, c/1, f.o.b. mill	100 lb. keg	9.828	9.828	9.368
Soil pipe, cast iron, 2" to 6", single and double hub, service pipe, extra heavy, f.o.b. foundry, index number (1947-49 = 100)	Ton	(114.5)	(115.1)	(114.5)
Aluminum sheets, 3003-H14, hard alloy, mill finish, 0.64" x48"x144", 30,000 lbs. or over, f.o.b. shipping point, freight allowed	Pound	\$0.449	\$0.449	\$0.427
Copper water tubing, type L, 3/4" size, 0.045" thick, 2,000 ft. or more in 60' coils (0.455 lbs. per linear ft.), f.o.b. mill, freight allowed	Foot	.264	.264	.303
Wire, building, type R, size 12, single braid, f.o.b. destination, or freight prepaid on specified amounts	M ft.	15.440	19.280	21.447
Screening, insect, bronze wire, 18x14 mesh, 30" wide, c/1, f.o.b. factory	Linear ft. roll	28.170	28.170	30.680
PLUMBING EQUIPMENT				
Bath tub, enameled iron, 5', recessed, f.o.b. factory, freight allowed	Each	55.216	55.216	55.113
Lavatory, enameled iron, 20"x18", f.o.b. plant, freight allowed	Each	13.497	13.497	13.497
Water closet, vitreous china, close coupled, reverse trap, f.o.b. plant, freight allowed	Each	24.686	24.686	24.682
Sink, enameled steel, 32"x21", flat rim, 2-compartment, acid resisting, without drainboard, f.o.b. plant, freight allowed	Each	13.194	13.194	15.687

See footnotes at end of table.

Table E-3: Wholesale Prices of Selected Building Materials--Continued

Commodity	Unit	1957		1956
		Oct.	Sept.	Oct.
HEATING EQUIPMENT				
Boiler, heating, steel, oil fired, steam rating 400 sq. ft., less burner, with jacket and standard trim, f.o.b. factory, freight allowed	Each	(1)	\$205.774	\$193.570
Convactor, nonferrous, free standing, average steam rating 43 sq. ft., E.D.R., f.o.b. factory, freight allowance	Sq. ft., incl. enclosure	\$0.454	.449	.454
Furnace, warm air:				
Steel, oil fired, forced air, gun-type burner, average bonnet output 90,000-115,000 BTU per hr., f.o.b. factory, freight allowance	Each	263.725	263.725	250.019
Steel, gas fired, standard automatic controls, average input rating 85,000-110,000 BTU per hr., enclosing jacket, f.o.b. factory, freight allowance	Each	169.202	169.202	174.334
Furnace, floor, gas fired, floor grill, average input rating 40,000-60,000 BTU per hr., manual controls, f.o.b. factory	Each	58.283	58.283	57.541
Oil burner, mechanical forced draft (gun-type) 2-1/2 gal. per hr., thermostat, limit and stack controls, f.o.b. factory	Each	112.609	112.609	106.181
Water heater, gas, automatic, 30-gal. storage tank, galvanized steel, 1-year guarantee, f.o.b. factory, freight allowed	Each	40.882	41.581	41.640
NONMETALLIC MINERAL PRODUCTS				
Sand, construction, f.o.b. plant	Ton	1.302	1.298	1.231
Gravel, for concrete, 1-1/2" maximum, f.o.b. plant	Ton	1.591	1.587	1.514
Crushed stone, for concrete, 1-1/2" maximum, f.o.b. plant	Ton	1.674	1.669	1.614
Block, concrete, lightweight aggregate, 8"x8"x16", f.o.b. plant	Each	.192	.191	.182
Pipe, concrete, culvert, reinforced, 24" diameter, ASTM spec. C76-41 table 1, 3' wall thickness, 3'-8' lengths, delivered	Foot	4.141	4.141	4.126
Brick, building, f.o.b. plant	Thousand	30.816	30.816	30.718
Brick, face, red, first quality, textured, f.o.b. plant	Thousand	40.575	40.575	39.998
Tile, clay, partition, scored, 4"x12"x12", 3-cell, 16 lbs., f.o.b. plant	Thousand	134.556	134.556	134.556
Sewer pipe, vitrified clay, 8" diameter, 3' lengths, standard strength, f.o.b. plant	Foot	.547	.547	.520
Lath, gypsum, 3/8"x16"x48", f.o.b. plant, freight equalized	M sq. ft.	25.034	25.034	24.990
Wallboard, gypsum, 3/8"x48", varying lengths, f.o.b. plant, freight equalized	M sq. ft.	32.830	32.830	32.830
Plaster, gypsum, base coat, f.o.b. plant, freight equalized	Ton	15.928	15.928	15.928
Shingles, asphalt, strip, 210 lbs., f.o.b. factory, freight allowance	Square	6.248	6.248	5.897
Lime, hydrated, building, finishing, f.o.b. plant	Ton	21.772	21.772	21.183
Siding shingles, asbestos cement, f.o.b. plant, freight equalized	Square	11.456	11.456	11.111

Source: Department of Labor. ¹Not available.

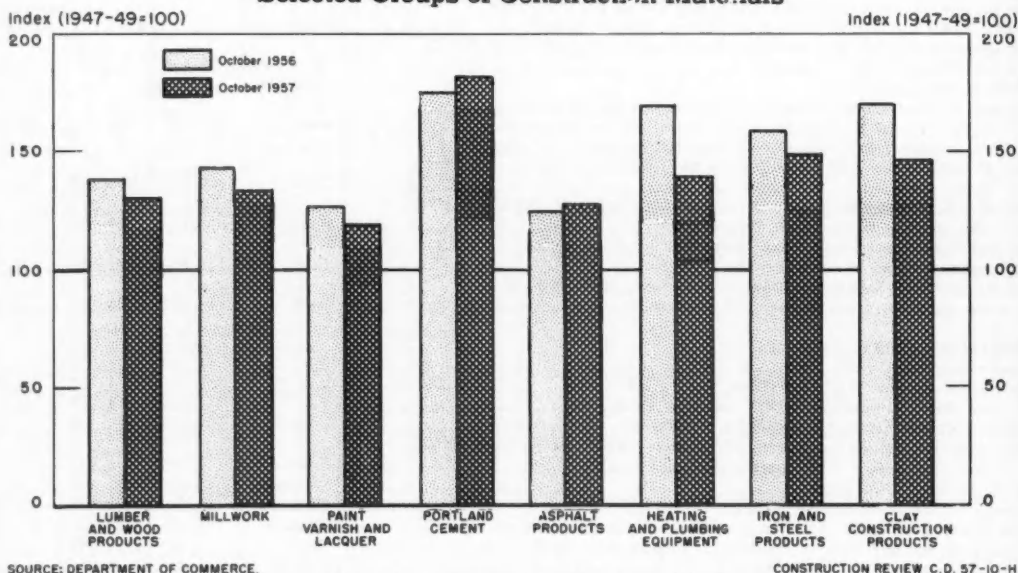
(NOTE: Tables E-4 and E-5, Union Wage Scales in the Building Trades, are shown quarterly in the February, May, August, and November issues.)

Part F--Materials Output

Chart 8.

Indexes of Materials Output

Selected Groups of Construction Materials

**Table F-1: Construction Materials: Indexes of Output**

(Monthly average 1947-49 = 100)

Materials group	Monthly Indexes												
	1956			1957									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Lumber and wood products....	138.4	120.5	103.1	113.8	106.1	113.8	124.8	131.2	124.6	113.8	129.7	120.5	130.3
Millwork	145.9	122.4	96.0	106.0	114.5	111.4	118.5	115.1	137.3	111.7	146.9	132.5	134.5
Paint, varnish, and lacquer	125.5	109.8	91.3	112.6	127.4	112.0	126.5	133.1	130.4	128.6	126.3	116.0	119.6
Portland cement	173.8	154.8	146.1	115.6	106.6	135.4	143.4	164.4	158.3	121.4	187.9	184.7	180.2
Asphalt products	*124.9	*86.1	*52.1	86.8	91.9	76.6	96.8	88.1	96.7	115.5	131.5	113.3	126.8
Heating and plumbing equipment	158.6	113.5	89.1	103.1	101.1	105.6	113.0	106.5	106.5	104.6	113.1	139.8	138.3
Iron and steel products	159.2	145.5	145.1	142.6	135.2	150.8	151.5	156.5	163.0	140.9	151.8	140.0	148.7
Clay construction products..	169.3	153.8	133.4	119.5	108.1	119.1	129.3	136.0	132.4	134.8	141.4	132.9	146.4
	Quarterly Indexes												
	1956				1957								
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.
Gypsum products	188.4	189.5	158.0	145.8	142.1	156.2	168.2	168.2	142.1	156.2	168.2	168.2	168.2
Plumbing fixtures	141.9	137.4	116.8	117.9	116.1	117.1	107.2	107.2	116.1	117.1	107.2	107.2	107.2

Source: Table compiled by the Department of Commerce from data reported by various Government agencies and by private firms as shown in notes to the tables following in Part F. * Output indexes for 1956 have been revised for asphalt products. The revised in-

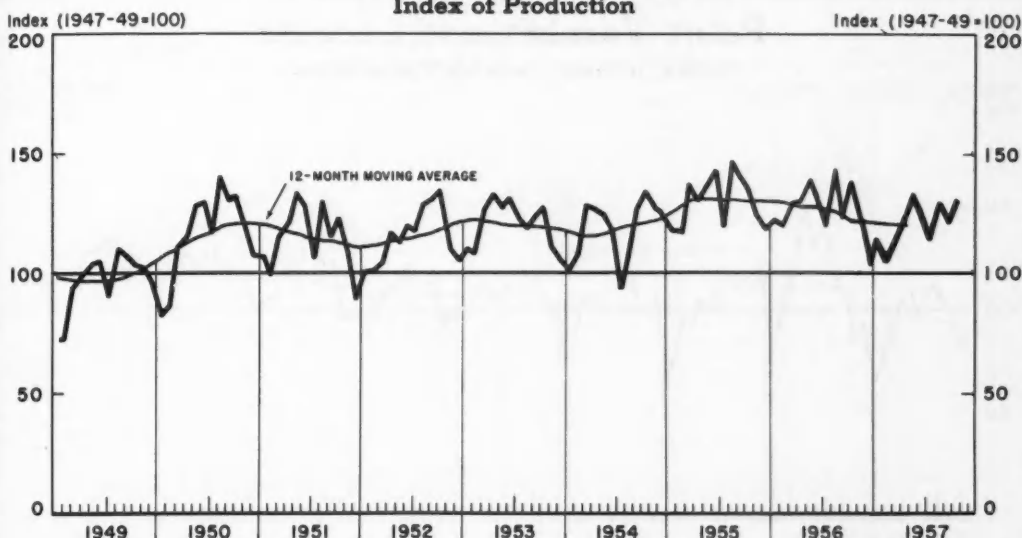
indexes replace those shown previously in Construction Review and are as follows:

1956												
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. avg.
67.1	98.1	127.4	79.2	111.2	116.5	118.5	124.9	115.4	124.9	86.1	52.1	101.8

Chart 9.

Lumber and Wood Products

Index of Production



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 57-10-1

Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber (Million board feet)			Hardwood flooring (Thousand board feet)			Douglas fir plywood (Million square feet)	Insulating boards (Tons)	Hardboard (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1947-49 average	28,252	27,656	4,485	812,365	789,437	44,455	1,802	766,269	294,214
Year: 1954	29,282	29,823	5,296	1,145,118	1,139,091	68,425	3,871	1,007,653	464,868
1955	31,479	31,383	5,387	1,268,104	1,258,914	70,045	4,947	1,092,890	529,558
1956	30,484	29,758	6,117	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
12 months ending:									
July 1957	28,777	28,198	--	1,036,430	1,006,296	--	5,331	987,389	555,630
August 1957	28,396	28,061	--	1,015,216	989,569	--	5,323	973,991	565,403
September 1957	28,210	28,039	--	1,002,552	979,757	--	5,362	971,788	576,389
October 1957	27,938	27,960	--	984,147	970,900	--	5,380	972,057	590,366
1956: October	2,778	2,622	5,907	104,175	96,829	102,681	494	87,051	45,537
November	2,382	2,278	6,010	90,162	83,951	108,792	445	73,779	43,918
December	2,002	1,898	6,117	74,585	69,278	114,074	397	63,491	39,361
1957: January	2,159	2,116	6,130	91,310	82,340	123,194	440	85,189	44,006
February	2,039	1,951	6,218	78,167	72,782	128,579	405	78,768	41,468
March	2,253	2,231	6,240	76,311	80,821	120,826	404	81,667	45,758
April	2,449	2,511	6,204	81,930	85,457	115,712	473	86,266	45,429
May	2,560	2,609	6,163	87,060	87,813	113,114	505	84,107	53,558
June	2,443	2,500	6,176	78,122	78,203	112,084	467	84,678	54,321
July	2,229	2,358	5,956	76,731	77,522	110,120	413	78,908	52,401
August	2,562	2,624	5,867	85,633	86,080	109,973	468	86,869	56,360
September	2,354	2,341	5,880	78,366	78,681	109,608	451	81,015	54,272
October	2,506	2,543	5,849	85,770	87,972	104,641	512	87,320	59,514
Percent change									
October, 1956-57	-10	-3	-1	-18	-9	+2	+4	(1)	+31
First 10 mos., 1956-57	-10	-7	--	-18	-15	--	+4	-13	+11

Source: Table compiled by Department of Commerce (BDCA) from data reported by the National Lumber Manufacturers Association, the Douglas Fir Plywood Association, and the Bureau of the Census. * As of end of period. Change of less than one-half of 1 percent.

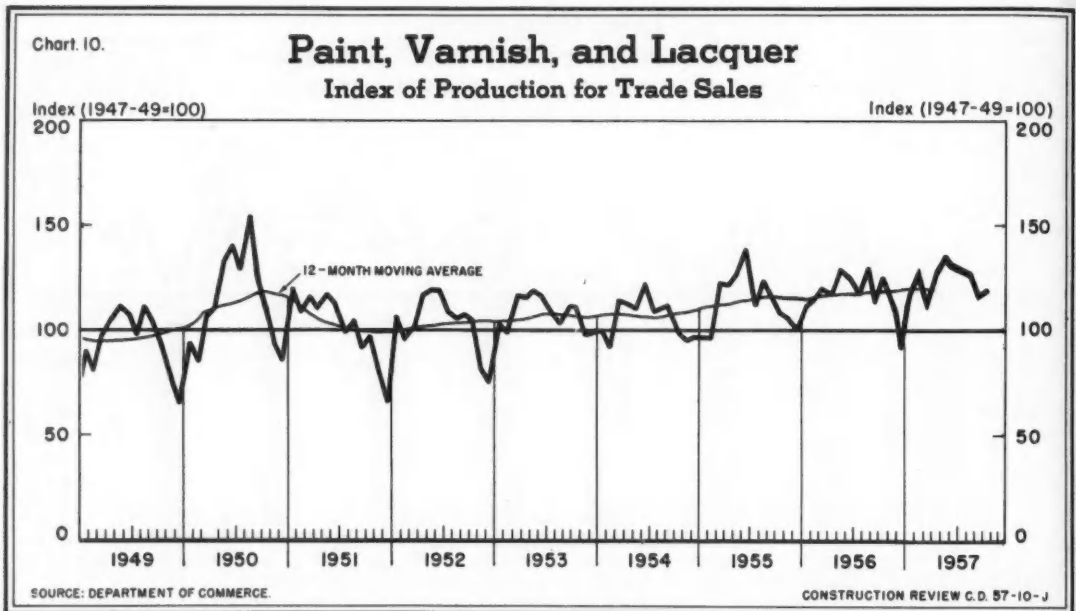


Table F-3: Millwork Products, and Paint, Varnish, and Lacquer: Production

Period	Production (Thousands of units)				Production for trade sales (Thousands of gallons)
	Ponderosa pine doors	Hardwood doors	Sash	Exterior frames	Paint, varnish, & lacquer
1947-49 average	3,768	3,298	11,043	4,186	266,701
Year: 1954	2,285	5,940	11,054	5,791	284,458
1955	2,253	6,786	12,733	7,259	312,510
1956	2,035	6,404	10,551	5,679	312,543
12 months ending:					
July 1957	2,012	5,708	10,042	5,377	320,189
August 1957	1,996	5,687	9,896	5,313	319,412
September 1957	2,012	5,663	9,882	5,313	319,933
October 1957	2,022	5,608	9,856	5,281	318,620
1956: October	192	558	1,103	508	27,903
November	161	513	799	352	24,407
December	137	410	616	245	20,282
1957: January	151	431	723	337	25,028
February	170	481	668	350	28,314
March	163	448	666	388	24,900
April	180	452	705	464	28,108
May	164	395	775	549	29,577
June	165	507	916	608	28,974
July	156	425	831	412	28,582
August	187	538	1,076	621	28,078
September	186	505	1,004	479	25,780
October	202	503	1,077	476	26,590
Percent change					
October, 1956-57	+ 5	-10	- 2	- 6	- 5
First 10 mos., 1956-57	- 1	-15	- 8	- 8	+ 2

Source: Table compiled by Department of Commerce (BDSA) from data reported by the National Wood Work Manufacturers Association (whose data on ponderosa pine and hardwood doors, sash, and exterior frames are only from member firms, and are not adjusted to represent full coverage) and the Bureau of the Census.

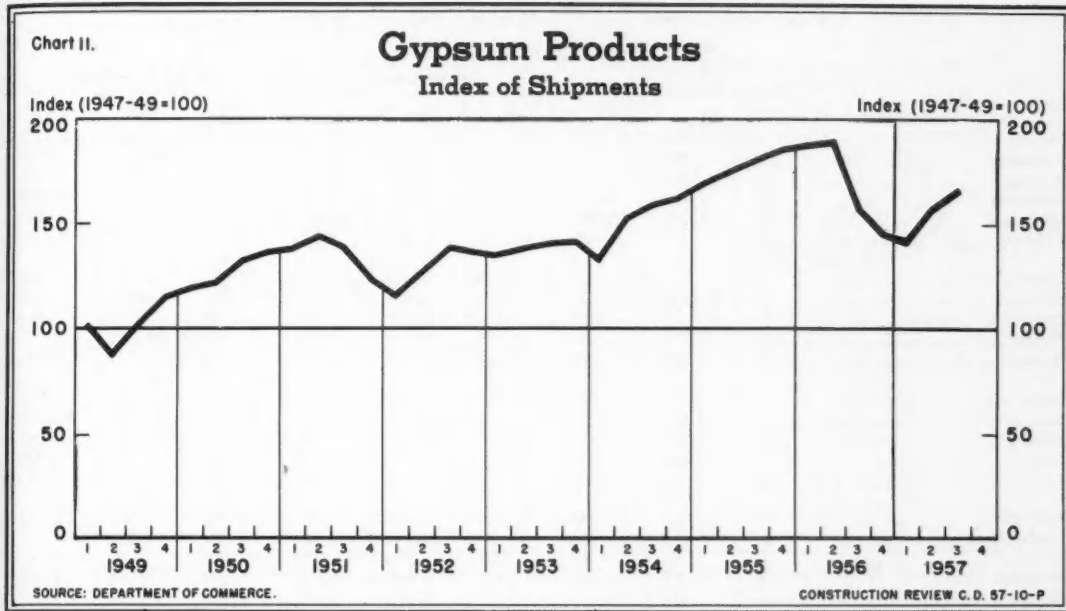


Table F-4: Portland Cement, and Asphalt and Gypsum Products: Production, Shipments, and Stocks

Period	Pro- duction	Ship- ments	Stocks*	Shipments (Thousands of squares)				Shipments (Million square feet)	
	(Thousands of barrels)			Asphalt prepared roofing	Asphalt siding	Asphalt insulated brick siding	Asphalt and tar saturated felts	Gypsum board ¹	Gypsum lath ¹
	Portland cement								
1947-49 average	200,607	199,306	11,922	61,252	3,365	2,811	17,087	2,478	2,075
Year: 1954	271,277	274,096	16,731	59,104	1,412	2,303	35,754	4,217	2,484
1955	296,829	296,275	17,536	62,582	1,288	2,194	34,629	4,911	2,926
1956	316,465	311,571	22,412	57,590	1,208	2,055	29,774	4,814	2,647
12 months ending:									
July 1957	296,042	292,383	--	53,431	1,138	1,903	29,760		
August 1957	297,393	294,508	--	53,348	1,124	1,854	30,709		
September 1957	299,634	295,040	--	53,251	1,117	1,830	30,748	4,446	2,224
October 1957	300,704	294,617	--	53,354	1,106	1,789	30,969		
1956: October	29,051	31,587	12,996	5,987	144	236	2,789	1,055	530
November	25,874	22,906	15,975	3,898	121	143	2,275		
December	24,429	17,990	22,412	2,165	66	72	1,689		
1957: January	19,320	11,927	29,833	3,895	103	84	2,609	1,047	497
February	17,827	15,274	32,381	4,142	91	117	2,648		
March	22,642	20,757	34,267	3,342	74	123	2,246		
April	23,967	23,351	34,893	4,449	80	142	2,617	1,130	577
May	27,485	29,203	33,175	3,998	65	175	2,273		
June	26,462	29,758	29,885	4,558	76	174	2,341		
July	20,287	25,827	24,345	5,433	81	183	2,922	1,217	621
August	31,406	35,732	20,019	5,917	101	195	3,724		
September	30,884	30,707	20,195	5,467	115	186	2,615		
October	30,121	31,164	19,207	6,090	133	195	3,010		
Percent change									
October, 1956-57	+ 4	- 1	+48	+ 2	- 8	-17	+ 8	--	--
First 10 mos., 1956-57	- 6	- 6	--	- 8	-10	-14	+ 5	--	--

Source: Table compiled by Department of Commerce (BDCA) from data reported by the Department of Interior (Bureau of Mines), and the Bureau of the Census.

* As of end of period.

¹ Data reported on quarterly basis.

CONSTRUCTION REVIEW

Table F-5: Portland Cement: Destination of Shipments, by State

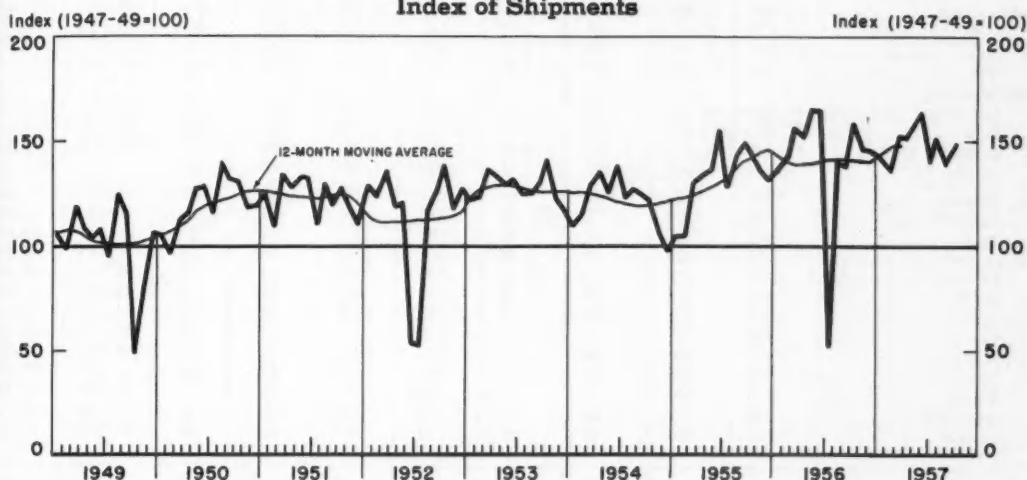
State	(Thousands of barrels)								
	1957			Calendar year			12 months ending--		
	July	Aug.	Sept.	1954	1955	1956	July 1957	Aug. 1957	Sept. 1957
Alabama	255	555	353	3,943	3,949	4,935	4,771	4,861	4,785
Arizona	222	226	245	2,215	2,337	2,621	2,636	2,592	2,636
Arkansas	227	176	179	1,894	2,519	1,841	1,698	1,692	1,707
California	2,917	3,251	3,081	28,528	31,553	35,854	33,676	33,467	33,555
Colorado	475	447	452	3,285	3,486	3,703	3,717	3,771	3,883
Connecticut	107	755	611	3,258	3,380	4,325	4,675	4,937	5,104
Delaware	37	136	92	910	1,097	1,086	937	945	919
District of Columbia	59	137	120	1,324	1,395	1,327	1,206	1,202	1,195
Florida	476	750	839	8,354	8,997	9,499	10,094	10,023	9,997
Georgia	267	566	354	4,441	5,198	5,381	5,069	5,095	5,027
Idaho	131	96	112	1,215	923	1,074	994	963	957
Illinois	1,543	2,075	2,147	14,973	14,670	16,719	15,073	15,337	15,824
Indiana	700	893	833	6,724	8,073	9,181	7,257	7,095	7,045
Iowa	817	845	818	5,863	5,883	6,774	5,747	5,712	5,800
Kansas	487	598	542	6,576	7,248	6,963	5,401	5,295	5,192
Kentucky	383	447	337	3,026	3,636	3,509	3,342	3,391	3,381
Louisiana	699	682	573	6,292	7,347	8,303	7,961	7,908	7,763
Maine	14	191	200	857	961	978	802	869	945
Maryland	328	718	486	4,447	4,882	5,764	5,281	5,368	5,346
Massachusetts	109	639	520	4,180	5,239	5,848	5,090	5,111	5,000
Michigan	1,789	1,922	1,798	13,076	13,991	16,215	14,962	14,913	14,787
Minnesota	790	801	730	5,500	5,838	5,515	5,149	5,257	5,434
Mississippi	196	267	195	1,732	1,972	1,977	1,955	2,017	2,033
Missouri	652	879	822	7,556	7,824	7,646	6,844	6,914	7,013
Montana	174	138	160	1,019	951	1,405	1,428	1,353	1,344
Nebraska	343	317	343	3,724	3,485	3,352	2,733	2,669	2,665
Nevada	49	58	49	842	737	616	557	551	552
New Hampshire	10	105	68	827	1,147	926	625	640	637
New Jersey	201	1,082	824	9,164	9,337	9,428	8,341	8,405	8,220
New Mexico	208	236	225	2,111	1,996	2,086	2,101	2,129	2,190
New York	669	2,803	2,157	20,290	19,399	20,400	19,265	19,498	19,418
North Carolina	379	590	404	4,009	4,414	4,384	4,452	4,599	4,615
North Dakota	449	479	317	1,161	1,150	1,294	1,428	1,718	1,855
Ohio	2,220	2,389	1,956	16,003	17,320	17,554	17,521	17,873	17,917
Oklahoma	531	570	567	4,364	4,785	4,815	4,724	4,846	4,991
Oregon	287	272	258	2,081	2,398	2,565	2,560	2,543	2,513
Pennsylvania	954	2,084	1,570	15,108	16,077	15,445	14,649	14,915	14,721
Rhode Island	18	120	81	685	822	819	711	749	747
South Carolina	115	219	162	1,993	2,461	2,359	2,076	2,078	2,066
South Dakota	153	138	127	1,116	1,221	1,374	1,263	1,194	1,128
Tennessee	362	480	401	4,683	5,088	4,843	4,543	4,521	4,456
Texas	1,936	1,917	1,571	19,081	20,781	20,953	19,665	19,792	19,740
Utah	187	197	184	1,508	1,835	2,010	1,934	1,871	1,827
Vermont	8	51	33	242	294	334	304	317	311
Virginia	451	639	466	4,474	4,801	5,419	5,425	5,486	5,472
Washington	583	564	499	5,684	5,656	4,677	4,716	4,728	4,762
West Virginia	232	294	232	2,379	2,053	1,937	2,098	2,161	2,181
Wisconsin	855	1,006	852	5,840	5,977	6,768	6,391	6,477	6,687
Wyoming	78	81	97	585	578	655	642	644	676

Source: Table compiled by Department of Commerce from data reported by Department of Interior (Bureau of Mines).

Chart 12.

Iron and Steel Products

Index of Shipments



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 57-10-L

Table F-6: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Shipments									Shipments	Bookings	Backlog ¹
	Line pipe	Concrete reinforcing bars	Galvanized sheets	Nails	Piling	Rails	Cast-iron pipe		Rigid steel conduit				Fabricated structural steel
							Pressure	Soil				
1947-49 average	1,975	1,523	1,669	797	309	2,167	1,075	604	226	2,248	2,105	--
Year: 1954	2,595	1,751	2,363	567	388	1,196	1,376	744	227	3,136	2,510	743
1955	3,083	2,163	2,865	651	391	1,233	1,682	869	280	2,981	3,693	1,029
1956	3,377	2,518	2,958	559	433	1,300	1,745	817	359	3,205	4,012	1,313
12 months ending:												
July 1957	(2)	(2)	(2)	(2)	(2)	(2)	1,517	758	352	3,438	3,476	--
August 1957	4,133	2,674	2,677	501	589	1,504	1,475	751	355	3,558	3,375	--
September 1957	4,247	2,636	2,604	481	586	1,466	1,444	749	358	3,612	3,323	--
October 1957	4,277	2,549	2,538	467	588	1,414	1,395	750	361	3,655	3,209	--
1956: October	333	250	279	52	47	131	171	71	27	288	291	1,239
November	322	250	255	36	47	118	116	60	27	276	339	1,267
December	331	240	239	29	49	131	92	54	27	298	404	1,313
1957: January	361	224	236	42	41	133	101	57	27	262	298	1,332
February	304	235	205	35	51	117	89	48	28	278	266	1,321
March	370	240	207	42	54	132	108	59	33	305	289	1,289
April	381	216	199	40	56	136	129	63	22	314	360	1,311
May	392	188	207	43	46	144	142	69	25	330	292	1,350
June	370	233	239	59	52	126	131	71	38	329	220	1,277
July	352	172	167	31	52	115	107	60	46	304	203	1,335
August	376	192	187	37	49	93	138	73	31	333	167	1,282
September	355	196	184	35	42	90	120	64	27	295	194	1,249
October	363	163	213	38	49	79	122	72	30	331	177	1,213
Percent change												
October, 1956-57	+ 9	-35	-24	-27	+ 6	-40	-29	+ 1	+ 8	+15	-39	- 2
First 10 mos., 1956-57	+33	+ 2	-17	-18	+46	+11	-23	- 9	+ 1	+17	-25	--

Source: Table compiled by the Department of Commerce (BDSA) from data reported by the American Iron and Steel Institute, the National Electric Manufacturers Association, the American Institute of Steel Construction, and the Bureau of the Census. ¹ Scheduled for fabrication in the next 4 months.

² The figures included here for August 1956 were reported as July-August totals by the American Iron and Steel Institute because the steel industry was shut down by work stoppages in effect during July 1956.

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Table F-7: Clay Construction Products: Production and Shipments

Period	Brick, common and face (Million brick)		Structural clay tile (Thousand tons)		Vitrified clay sewer pipe (Thousand tons)		Hollow facing tile (Million brick equivalent)		Glazed & unglazed floor & wall tile (Thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1947-49 average	5,504	5,524	1,286	1,231	1,451	1,375	357	341	104,800	101,088
Year: 1954	6,720	6,657	981	908	1,763	1,703	481	464	177,988	176,253
1955	*7,902	*7,741	935	929	2,112	2,056	*534	*522	233,001	232,802
1956	*8,085	*7,382	862	750	2,154	2,039	576	535	245,996	227,369
12 months ending:										
July 1957	*7,023	*6,537	756	675	2,065	1,816	497	471	204,575	195,304
August 1957	*6,891	*6,464	733	655	2,014	1,779	493	466	200,220	192,243
September 1957	*6,808	*6,404	707	639	1,967	1,743	*488	*463	*197,973	*190,728
October 1957	6,706	6,344	686	620	1,929	1,703	487	461	195,369	190,101
1956: October	*714	*662	71	68	211	205	48	47	21,431	18,904
November	*738	*570	71	58	198	157	42	39	18,943	17,530
December	*543	*438	62	51	180	120	41	33	16,308	13,936
1957: January	459	329	57	48	164	107	38	34	15,449	14,422
February	420	388	53	46	146	110	36	33	13,726	12,602
March	491	476	61	54	152	132	33	34	14,810	15,048
April	561	548	55	50	151	138	38	37	15,663	15,873
May	592	613	57	54	160	151	39	39	16,517	16,485
June	577	567	58	56	150	152	41	41	16,050	16,157
July	593	609	62	58	154	154	45	44	15,465	15,939
August	625	634	54	51	158	169	45	43	16,957	17,503
September	584	570	46	46	144	150	41	39	16,654	16,329
October	612	602	50	49	173	165	47	45	18,827	18,277
Percent change										
October, 1956-57	-14	-9	-30	-27	-18	-19	-1	-4	-12	-3
First 10 mos., 1956-57	-20	-16	-24	-20	-13	-19	-18	-16	-24	-19

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. * Revised data.

Table F-8: Clay Construction Products: Production and Shipments, by Census Region¹

Census region	PRODUCTION				SHIPMENTS			
	1957				1957			
	Oct.	Sept.	Aug.	July	Oct.	Sept.	Aug.	July
Brick, common and face (thousands)								
U. S. TOTAL	611,704	583,681	625,020	593,044	602,404	569,602	634,291	609,478
New England	10,138	13,702	14,621	15,346	14,309	12,656	13,794	13,707
Middle Atlantic	101,911	91,670	94,677	84,313	105,589	92,945	102,537	95,622
East North Central	145,541	142,777	143,214	127,802	139,663	140,790	149,315	141,329
West North Central	32,493	30,334	31,301	31,493	30,783	30,266	33,136	31,150
South Atlantic	136,778	124,982	140,828	136,872	135,501	121,595	143,074	139,887
East South Central	64,227	58,257	64,456	64,717	63,977	58,431	68,848	64,416
West South Central	64,803	62,097	66,431	65,562	60,956	60,277	69,839	67,921
Mountain	26,905	27,485	28,359	27,486	27,033	26,613	27,841	26,082
Pacific	28,908	32,377	41,133	39,453	24,593	26,029	25,907	29,364
Structural clay tile (tons)								
U. S. TOTAL	49,628	46,081	54,320	62,183	49,266	45,825	50,904	57,873
Middle Atlantic	7,468	6,929	6,851	7,717	7,530	7,463	7,336	7,607
East North Central	3,591	2,542	5,243	6,141	3,015	2,804	4,388	5,533
West North Central	8,246	7,126	9,912	10,995	9,452	7,444	8,424	8,552
South Atlantic	8,600	7,050	9,254	12,838	8,296	7,433	8,926	12,536
East South Central	1,539	1,252	1,460	1,393	1,466	1,070	1,496	1,290
West South Central	17,337	17,064	19,723	20,250	16,271	16,790	18,186	20,091
Mountain & Pacific	2,847	4,118	1,877	2,849	3,236	2,821	2,148	2,264
Vitrified clay sewer pipe (tons)								
U. S. TOTAL	172,625	143,587	157,908	153,639	165,068	150,045	168,799	153,730
Middle Atlantic	14,827	12,448	13,878	16,385	16,129	15,555	15,418	15,743
East North Central	68,924	53,832	62,630	58,727	68,090	58,782	71,049	63,590
West North Central	18,563	16,224	18,064	18,567	18,007	15,705	20,106	18,970
South Atlantic	16,618	12,439	12,829	9,227	14,962	11,886	12,531	9,296
E. & W. South Central	24,361	20,821	20,069	22,737	21,972	19,074	23,697	21,750
Mountain	3,511	4,386	4,518	4,338	3,711	4,131	3,724	3,841
Pacific	25,821	23,437	25,920	23,658	22,197	24,912	22,274	20,540

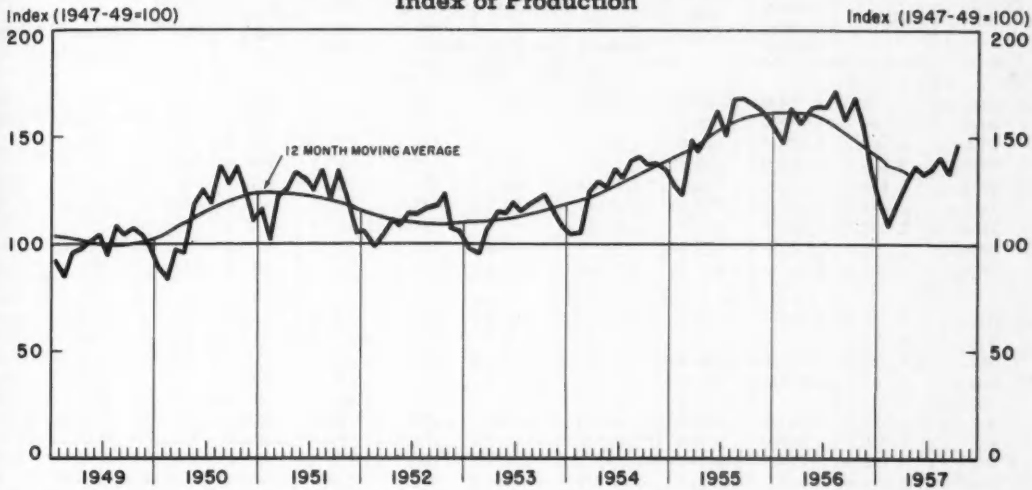
Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census.

¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Chart 13.

Clay Construction Products

Index of Production



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-9: Heating and Plumbing Equipment: Shipments and Stocks

Period	Gas water heaters (Thousands of units)		C. I. convectors and radiators (Thousand square feet)		Warm air furnaces (Thousands of units)		Floor and wall furnaces (Thousands of units)		Residential oil burners ¹ (Thousands of units)
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	
1947-49 average	1,818	67	50,980	4,377	794	69	552	44	541
Year: 1954	2,445	103	28,941	5,434	1,152	130	610	74	516
1955	2,634	188	30,863	4,884	1,406	208	615	73	610
1956	2,712	134	29,567	3,810	1,355	218	492	70	532
12 months ending:									
July 1957	2,522	--	27,888	--	1,199	--	449	--	478
August 1957	2,486	--	26,761	--	1,143	--	438	--	459
September 1957	2,476	--	25,962	--	1,118	--	435	--	437
October 1957	2,477	--	24,579	--	1,101	--	434	--	410
1956: October	230	90	4,034	4,263	143	225	63	62	72
November	185	82	2,808	4,074	107	214	45	63	44
December	156	90	1,905	3,878	76	218	29	70	28
1957: January	210	76	1,712	4,139	76	195	30	67	30
February	202	78	1,797	4,362	67	207	31	60	27
March	222	62	1,803	4,750	75	214	27	63	26
April	233	59	1,723	4,887	74	228	29	61	30
May	228	61	1,507	5,435	74	235	26	63	30
June	206	90	2,230	5,163	85	232	30	63	34
July	188	89	1,769	4,745	86	229	32	69	34
August	206	90	2,123	4,896	115	199	39	72	40
September	211	77	2,551	4,571	141	177	54	65	43
October	231	71	2,651	4,027	126	157	62	55	45
Percent change									
October, 1956-57	+ 1	-21	-34	- 6	-12	-30	- 2	-12	-37
First 10 mos., 1956-57	-10	--	-20	--	-22	--	-14	--	-27

Source: Table compiled by Department of Commerce (BDISA) from data reported by the Bureau of the Census. * As of end of period.

¹ Sold separately.

(NOTE: Table F-10, Imports and Exports of Selected Construction Materials, is shown quarterly in the February, May, August, and November issues.)

Part G—Employment

Table G-1: Contract Construction: Employment by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
NUMBER OF EMPLOYEES (in thousands)											
Year: 1948.....	2,169.0	1,753.0	807.0	946.0	238.2	124.9	123.2	459.8	416.0	172.1	243.8
1949.....	2,165.0	1,736.0	779.0	957.0	241.7	123.4	122.1	469.5	428.0	178.1	250.3
1950.....	2,333.0	1,885.0	844.0	1,041.0	263.1	130.8	123.4	524.0	448.0	183.0	265.2
1951.....	2,603.0	2,109.0	957.6	1,151.7	286.9	155.7	140.5	568.7	493.0	201.3	291.9
1952.....	2,634.0	2,119.0	948.3	1,170.8	287.7	156.5	155.7	570.9	514.0	209.4	305.0
1953.....	2,622.0	2,109.0	934.0	1,175.1	288.9	148.1	159.7	578.4	513.0	214.9	297.8
1954.....	2,593.0	2,090.0	885.7	1,204.0	295.7	143.8	164.4	600.1	503.0	217.4	285.6
1955.....	2,759.0	2,243.0	922.6	1,320.8	317.0	162.3	168.4	673.1	516.0	232.4	284.0
1956.....	2,993.0	2,387.0	995.1	1,391.8	334.0	179.5	198.1	680.2	606.0	263.3	342.6
1956: Oct.	3,296.0	2,598.0	1,099.1	1,498.7	355.9	203.8	226.4	712.6	698.0	309.7	388.5
Nov.	3,174.0	2,527.0	1,054.7	1,472.5	351.1	192.0	226.4	703.0	547.0	274.1	372.8
Dec.	2,997.0	2,417.0	1,001.6	1,415.5	345.7	176.4	228.7	664.7	580.0	233.3	346.9
1957: Jan.	2,667.0	2,165.0	885.7	1,279.5	335.1	151.5	223.2	569.7	502.0	191.5	310.4
Feb.	2,673.0	2,177.0	878.2	1,298.5	331.5	148.9	221.0	597.1	496.0	184.9	310.6
Mar.	2,756.0	2,242.0	898.7	1,343.3	331.8	159.0	219.5	633.0	514.0	199.9	314.1
Apr.	2,906.0	2,334.0	944.6	1,389.5	334.6	176.5	218.2	660.2	572.0	237.3	334.7
May.....	3,082.0	2,419.0	977.5	1,441.1	333.7	190.5	223.5	693.4	663.0	296.2	366.8
June.....	3,232.0	2,518.0	1,005.5	1,512.5	342.7	205.2	237.2	727.4	714.0	321.5	392.0
July.....	3,275.0	2,547.0	1,039.8	1,507.1	332.6	226.5	241.2	706.8	728.0	331.0	397.4
Aug.....	3,305.0	2,567.0	1,030.2	1,537.0	344.2	226.6	242.7	723.5	738.0	340.4	397.4
Sept.....	3,285.0	2,555.0	1,009.6	1,545.4	351.8	223.0	240.2	730.4	730.0	333.8	396.4
Oct.	3,220.0	2,507.0	979.2	1,527.9	350.6	212.5	237.4	727.4	713.0	319.6	393.4
Nov.	*3,037.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Percent change											
Sept.-Oct., 1957	- 2.0	- 1.9	- 3.0	- 1.1	- 0.3	- 4.7	- 1.2	- 0.4	- 2.3	- 4.3	- 0.8
Oct., 1956-57.....	- 2.3	- 3.5	-10.9	+ 1.9	- 1.5	+ 4.3	+ 4.9	+ 2.1	+ 2.1	+ 3.2	+ 1.3

Source: Department of Labor. * Percent change: Oct.-Nov. 1957, -5.7; Nov. 1956-57, -4.3. ¹ Not yet available.

Table G-2: Contract Construction: Number of Employees and Indexes of Employment (Seasonally Adjusted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
NUMBER OF EMPLOYEES (in thousands, seasonally adjusted)													
1948.....	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949.....	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,902	2,985	3,113	3,043	3,083	3,080	3,080	3,067	3,074	2,993
1957.....	2,963	3,020	3,062	3,059	3,097	3,108	3,061	3,032	3,028	3,009	2,934		
INDEXES (1947-49=100) OF EMPLOYMENT (seasonally adjusted) ¹													
1948.....	100.7	95.7	98.1	100.0	101.5	103.8	104.5	105.1	105.5	105.9	106.8	106.9	103.0
1949.....	105.6	103.1	101.9	101.1	100.9	101.2	102.5	103.4	104.4	104.1	104.0	101.7	102.9
1950.....	100.7	99.8	100.0	103.2	106.2	111.0	114.3	116.4	117.5	118.9	119.6	117.4	110.8
1951.....	120.0	119.8	122.0	123.2	123.3	124.1	125.1	125.5	124.9	126.0	123.8	124.5	123.7
1952.....	123.5	124.7	122.9	122.9	123.4	125.7	126.3	126.9	127.4	125.8	125.9	125.0	125.1
1953.....	125.7	126.8	126.0	125.3	124.1	123.4	122.9	123.3	124.1	125.0	124.6	124.8	124.6
1954.....	120.3	122.7	123.5	124.2	123.7	123.5	123.1	123.2	122.9	122.8	124.4	124.2	123.2
1955.....	124.7	124.4	128.4	131.1	133.6	134.1	134.4	133.6	133.5	131.9	131.1	130.6	131.1
1956.....	131.5	133.1	134.6	137.9	141.8	147.9	144.6	146.5	146.3	146.3	145.7	146.0	142.2
1957.....	140.8	143.5	145.5	145.3	147.1	147.6	145.4	144.0	143.8	142.9	139.4		

Source: Department of Labor.
the Federal Reserve Board.

¹ Indexes for months before January 1953 are based on seasonally adjusted employment data derived by

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Table G-3: Contract Construction: Employment, by State

State	Number of employees (in thousands)											Percent change, Oct. 1956-57
	1957								1954	1955	1956	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Oct.	Oct.	Oct.	
Alabama	41.1	41.6	42.3	43.4	42.5	43.2	40.4	39.7	32.9	35.5	42.1	- 6
Arizona	21.9	21.4	21.2	21.5	22.3	23.0	23.4	23.2	18.3	20.9	22.6	+ 3
Arkansas	14.3	15.0	17.0	18.3	20.8	21.5	21.1	20.2	15.0	16.6	16.8	+20
California	268.7	272.5	277.5	284.5	266.4	261.8	282.6	283.4	261.4	276.7	297.2	- 5
Colorado 1	29.2	28.7	30.4	34.7	35.5	36.0	36.0	35.2	28.4	33.6	34.6	+ 2
Connecticut 2	43.5	45.7	49.9	52.5	53.1	55.1	54.7	53.8	44.2	50.7	53.0	+ 2
Delaware	12.0	12.7	12.6	12.4	11.9	12.3	12.2	12.3	11.3	14.9	18.3	-33
District of Columbia ..	17.3	17.7	18.1	17.8	18.0	18.2	18.2	18.1	17.4	17.5	18.5	- 2
Florida	107.9	107.9	108.9	111.8	114.1	117.9	119.2	119.0	87.0	104.6	115.8	+ 3
Georgia	50.7	54.2	55.2	58.3	59.1	60.6	58.3	57.6	48.9	52.0	56.4	+ 2
Idaho	7.9	9.2	10.1	10.8	11.2	9.9	9.8	9.9	9.9	10.0	11.1	-11
Illinois	181.6	193.4	203.8	213.2	218.8	220.5	217.6	213.6	174.5	182.5	204.2	+ 5
Indiana 1	64.9	66.7	71.5	73.8	78.1	80.3	78.9	78.7	62.0	80.3	78.0	+ 1
Iowa	31.6	34.6	37.0	41.3	42.8	42.0	42.2	(3)	37.5	39.9	43.9	--
Kansas	31.4	32.9	34.6	38.4	41.9	43.6	42.1	41.4	37.5	40.9	37.4	+11
Kentucky 3	--	--	--	--	--	--	--	--	--	--	--	--
Louisiana	66.8	69.0	66.6	69.5	72.0	72.6	71.6	70.2	49.4	54.0	63.4	+11
Maine	9.8	10.6	13.1	14.7	15.0	14.7	14.5	14.4	16.7	15.4	15.3	- 6
Maryland	63.0	56.8	62.3	70.1	72.5	72.2	71.3	70.6	60.3	68.4	76.1	- 7
Massachusetts	68.7	78.9	84.7	87.7	89.9	91.0	89.9	89.3	77.4	85.5	90.1	- 1
Michigan	103.7	106.3	113.1	112.2	115.2	117.2	119.0	117.5	130.0	128.7	133.5	-12
Minnesota	43.4	47.5	56.9	61.3	67.1	69.2	67.8	64.7	63.8	65.1	66.1	- 2
Mississippi 1	14.2	14.9	16.3	16.3	16.9	17.6	17.9	17.9	16.6	18.5	16.5	+ 8
Missouri	68.2	67.1	67.8	69.3	72.2	74.0	72.7	71.3	68.7	78.5	74.8	- 5
Montana	8.7	10.7	13.5	14.4	15.1	15.2	15.5	14.6	13.1	11.6	14.5	+ 1
Nebraska	18.2	19.1	19.7	21.4	22.2	21.8	21.5	21.0	23.7	24.3	23.2	- 9
Nevada 4	7.1	7.4	8.5	8.4	8.2	8.2	7.8	7.5	9.0	9.0	6.4	+17
New Hampshire	7.3	7.9	9.1	10.0	10.5	10.5	10.3	10.3	10.6	11.2	10.5	- 2
New Jersey	98.7	107.7	108.8	108.9	112.6	112.7	113.5	112.1	100.7	113.2	113.9	- 2
New Mexico	15.3	16.1	15.4	15.9	16.0	15.6	15.8	15.7	15.1	15.0	16.1	- 2
New York	234.3	249.7	265.8	275.1	276.1	277.4	280.1	276.6	247.5	262.1	272.7	+ 1
North Carolina	51.6	52.9	54.3	55.5	56.1	55.4	54.5	53.6	50.0	56.4	59.0	- 9
North Dakota	5.7	7.9	10.8	12.5	13.7	14.1	13.9	13.1	12.3	11.6	12.5	+ 5
Ohio	154.3	160.6	173.3	179.9	187.9	195.7	190.6	186.3	180.3	173.8	177.3	+ 5
Oklahoma	34.8	35.2	36.3	37.6	38.9	39.7	39.3	37.7	31.1	33.8	36.9	+ 2
Oregon 1	19.1	21.3	22.6	24.2	25.8	26.5	26.5	24.2	25.2	25.2	27.6	-12
Pennsylvania	156.0	168.2	178.1	184.5	184.2	188.2	188.0	186.1	186.7	191.9	196.8	- 5
Rhode Island	16.2	19.1	17.4	19.2	20.0	19.3	19.1	18.1	17.7	17.7	17.7	+ 2
South Carolina	27.5	28.7	28.5	28.6	28.9	28.9	28.7	27.9	33.8	30.4	28.3	- 1
South Dakota	7.2	8.7	9.8	11.5	11.7	11.9	10.8	9.9	11.1	11.7	12.6	-21
Tennessee	38.5	39.9	41.4	42.1	43.5	43.3	42.3	42.3	58.0	45.6	44.9	- 6
Texas	163.4	161.4	160.5	169.3	174.5	174.4	171.1	166.8	144.0	160.3	169.2	- 1
Utah	13.6	15.4	16.8	18.1	19.2	18.3	17.3	16.4	14.0	17.7	17.7	- 7
Vermont	3.6	4.0	4.8	5.5	5.6	5.7	5.5	5.5	4.8	5.1	5.4	+ 2
Virginia 1	66.1	69.8	73.2	74.4	75.9	75.9	74.4	71.8	59.5	64.1	70.6	+ 2
Washington 1	41.2	43.9	44.5	45.4	46.9	48.4	47.5	46.7	51.7	47.6	50.9	- 8
West Virginia	24.1	24.6	25.8	26.8	27.9	28.9	29.4	29.3	18.9	22.9	25.8	+14
Wisconsin	50.0	52.4	57.5	58.7	64.2	65.5	64.8	62.3	57.8	64.0	64.1	- 3
Wyoming	5.6	5.9	6.6	8.1	8.7	8.9	8.4	7.6	7.1	7.6	8.3	- 8

Source: Department of Labor.

¹ Data revised from January 1956.

² Includes a small number of employees in mining.

³ Not available.

⁴ Data revised from January 1957.

NOTE: Revised statistics for months not shown here are available on request.

CONSTRUCTION REVIEW

Table G-4: Contract Construction: Employment in Selected Areas

Area	Number of employees (in thousands)											Percent change, Oct. 1956-57
	1957								1954	1955	1956	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Oct.	Oct.	Oct.	
Albany-Schenectady-Troy, N.Y.	6.8	7.7	8.6	8.7	8.9	8.8	8.6	8.6	8.1	7.6	8.4	+ 2
Albuquerque, N. Mex.	4.6	5.0	4.9	5.2	5.3	5.3	5.1	5.0	5.0	5.2	4.8	+ 4
Atlanta, Ga.	17.4	19.2	19.6	21.0	21.0	21.9	20.8	20.3	18.0	19.5	19.9	+ 2
Baltimore, Md.	41.2	34.2	38.0	42.8	44.3	44.2	43.9	43.9	37.6	42.4	47.2	- 7
Baton Rouge, La.	7.3	7.6	8.1	8.0	8.9	9.0	9.4	9.5	5.0	5.3	6.8	+40
Binghamton, N. Y.	2.0	2.3	3.0	3.3	3.3	3.2	3.4	3.4	2.9	3.2	3.2	+ 6
Birmingham, Ala.	13.0	13.7	14.4	14.9	15.1	15.1	9.7	8.9	10.2	11.6	13.7	-35
Boise, Idaho	1.6	1.7	1.9	1.9	2.0	2.0	2.0	1.9	1.7	1.9	2.0	- 5
Boston, Mass.	41.2	46.2	49.2	51.2	52.8	52.4	52.0	51.1	44.1	47.1	52.3	- 2
Bridgeport, Conn. ²	5.5	5.9	6.4	6.7	7.2	7.2	7.2	7.2	5.8	6.2	6.4	+13
Buffalo, N. Y.	19.3	20.4	22.9	23.8	25.3	27.3	26.3	(3)	21.5	21.0	24.6	--
Casper, Wyo.	1.6	1.8	2.1	2.2	2.5	2.5	2.5	2.4	1.5	1.3	1.7	+41
Charleston, S. C.	3.6	3.5	3.5	3.8	3.4	3.7	3.5	3.9	2.9	3.7	3.8	+ 3
Charleston, W. Va.	4.7	4.8	5.1	5.4	5.3	5.5	5.3	5.2	5.5	4.3	5.4	- 4
Charlotte, N. C.	8.0	8.3	8.7	9.0	9.3	9.1	9.3	9.1	7.1	9.4	9.1	0
Chattanooga, Tenn.	3.1	3.3	3.7	3.6	3.7	3.7	3.5	3.5	4.9	4.6	3.7	- 5
Chicago, Ill.	125.8	128.3	133.0	138.2	141.4	143.1	139.0	135.5	112.9	125.3	140.5	- 4
Denver, Colo.	18.2	17.3	17.5	20.4	21.2	21.7	21.5	21.2	18.3	20.6	22.2	- 5
Des Moines, Iowa.	4.7	4.9	5.1	5.8	6.0	5.9	6.0	(3)	5.4	5.2	5.6	--
Detroit, Mich.	59.3	60.6	64.3	64.6	65.2	66.0	66.1	66.4	73.7	73.0	74.4	-11
Duluth, Minn.	3.0	3.0	3.4	3.6	3.7	3.8	3.9	3.5	2.8	2.8	3.4	+ 3
Evansville, Ind. ⁴	4.0	4.1	4.2	4.4	4.2	4.3	4.3	4.3	3.8	4.2	4.3	0
Fargo, N. D.	1.6	1.7	2.3	2.7	3.1	3.3	3.2	3.0	2.5	2.6	2.6	+15
Fort Wayne, Ind.	2.9	2.8	3.1	3.3	3.4	3.4	3.4	3.4	3.4	3.8	3.5	- 3
Great Falls, Mont.	1.2	1.6	2.3	2.4	2.3	2.4	2.2	2.0	1.7	1.7	2.3	-13
Harrisburg, Pa.	6.3	6.8	7.2	7.7	8.1	8.8	8.7	8.9	7.8	7.7	8.2	+ 9
Hartford, Conn. ²	9.2	9.9	10.8	11.7	11.7	12.7	12.4	12.0	9.9	10.3	11.2	+ 7
Indianapolis, Ind.	12.7	12.9	13.2	13.4	14.4	14.5	14.7	14.5	12.2	-14.4	14.7	- 1
Jackson, Miss.	3.5	3.8	4.0	4.1	4.3	4.3	4.1	4.2	--	4.9	4.0	+ 5
Jacksonville, Fla.	9.2	9.2	9.2	9.1	9.4	9.8	9.7	9.7	10.0	9.1	9.6	+ 1
Kansas City, Mo.	17.9	17.2	16.4	15.8	(3)	(3)	(3)	(3)	19.0	20.9	19.7	--
Knoxville, Tenn.	7.0	6.7	6.6	6.7	6.4	6.4	6.3	6.2	18.2	7.2	7.7	-19
Lewiston, Maine	.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.5	1.2	1.3	-15
Little Rock-N. Little Rock, Ark. ⁵	4.1	4.3	4.7	5.0	6.1	6.2	6.4	6.2	5.2	5.8	5.1	+22
Los Angeles, Calif.	125.5	122.5	123.3	126.7	107.9	104.6	124.7	126.4	122.1	126.9	133.4	- 5
Louisville, Ky.	13.1	13.2	15.4	16.0	15.9	16.9	16.9	(3)	15.9	16.7	16.1	--
Manchester, N. H.	1.6	1.8	2.0	2.1	2.3	2.3	2.3	2.3	2.2	2.4	2.3	0
Memphis, Tenn.	7.4	7.9	8.3	8.8	9.5	9.5	9.6	9.9	9.9	10.5	8.6	+15
Miami, Fla.	22.9	23.5	23.9	24.8	24.8	25.8	25.8	25.2	22.5	25.6	26.3	- 4
Milwaukee, Wis.	21.1	22.0	22.9	23.7	25.4	25.9	25.6	24.7	20.2	23.3	25.6	- 4
Minneapolis-St. Paul, Minn.	22.2	24.1	27.4	29.0	29.9	30.6	29.8	28.7	31.1	30.6	30.6	- 6
Mobile, Ala.	4.9	4.9	5.0	5.0	5.1	5.1	5.1	(3)	4.2	5.0	5.1	--
Nashville, Tenn.	6.3	6.6	6.7	6.6	6.8	7.1	7.0	7.0	7.3	7.3	7.7	- 9
New Bedford, Mass.	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.7	1.6	+ 6
New Britain, Conn. ²	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.3	1.4	1.5	+13
New Haven, Conn. ²	7.3	7.8	8.2	8.7	9.2	9.4	9.4	9.2	6.5	7.4	8.1	+14
New Orleans, La.	20.3	20.3	20.2	20.0	20.1	20.2	20.0	20.0	18.7	16.8	16.7	+20
New York-Northeastern N. Jersey:	216.2	231.6	241.2	242.6	235.7	236.2	240.8	238.3	223.3	240.8	245.6	- 3
Newark-Jersey City, N. J.	31.4	34.5	34.5	34.6	35.1	35.3	35.6	34.9	33.5	37.8	38.3	- 9
Paterson, N. J.	24.0	26.0	27.7	27.8	28.2	28.5	29.7	29.5	26.2	27.1	27.5	+ 7
Perth Amboy, N. J.	8.4	8.6	8.4	8.4	8.5	8.3	7.9	7.5	8.2	9.2	10.0	-25
Nassau-Suffolk Counties, N. Y.	25.0	27.0	29.1	29.4	27.4	26.7	27.9	26.6	30.5	32.1	33.5	-21
New York, N. Y.	111.2	116.5	120.2	121.4	116.4	118.0	121.2	120.4	105.3	111.7	114.1	+ 6
Westchester County, N. Y.	14.9	16.9	19.1	18.8	18.1	17.4	16.6	17.5	17.4	19.7	19.7	-11

See footnotes at end of table.

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Table G-4: Contract Construction: Employment in Selected Areas—Continued

Area	Number of employees (in thousands)											Percent change, Oct. 1956-57
	1957 ¹								1954	1955	1956	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Oct.	Oct.	Oct.	
Norfolk-Portsmouth, Va.	12.8	13.7	14.6	14.7	15.4	15.7	15.4	15.3	11.9	11.2	13.2	+16
Oklahoma City, Okla.	9.7	9.7	9.8	10.0	10.4	10.3	10.2	10.2	9.4	10.4	10.7	-5
Omaha, Nebr.	7.6	8.0	8.2	8.6	9.0	8.9	9.1	8.8	8.6	9.3	10.0	-12
Peoria, Ill.	4.7	4.7	4.6	4.9	5.2	5.0	5.0	4.9	4.3	5.2	5.5	-11
Phoenix, Ariz.	11.6	10.9	10.8	10.7	11.2	11.3	11.2	10.8	9.6	10.8	11.6	-7
Pittsburgh, Pa.	38.3	40.9	43.1	46.0	44.1	46.9	46.9	46.4	37.9	43.9	45.1	+3
Portland, Maine.	3.3	3.3	3.7	3.8	3.8	3.7	3.7	3.8	4.3	4.2	4.5	-16
Portland, Oreg. ⁵	11.9	13.1	13.4	14.2	14.7	14.8	14.6	13.9	14.6	14.7	15.9	-13
Providence, R. I.	14.3	17.0	15.4	17.0	17.7	17.1	16.9	16.0	15.7	15.7	15.7	+2
Racine, Wis.	2.0	2.1	2.3	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.2	0
Reno, Nev.	2.1	2.2	2.3	2.1	2.3	2.5	2.9	2.9	2.3	2.4	2.3	+26
Richmond, Va.	11.6	12.2	12.7	13.1	13.5	13.6	13.3	13.2	9.8	11.2	12.2	+8
Rochester, N. Y.	8.5	9.4	9.9	11.0	11.4	11.5	11.6	11.1	10.2	10.4	10.8	+3
Rockford, Ill. ²	3.5	3.9	3.9	4.4	4.6	4.8	4.7	4.7	3.6	4.1	4.6	+2
Sacramento, Calif.	8.1	9.1	9.3	9.7	10.0	10.4	10.4	10.1	8.8	9.7	10.2	-1
St. Louis, Mo.	39.4	39.5	41.2	43.0	42.4	42.7	42.7	42.5	44.0	46.9	43.4	-2
Salt Lake City, Utah	7.3	8.1	8.9	9.1	9.3	9.3	9.2	8.7	8.4	9.7	9.2	-5
San Diego, Calif.	14.4	14.0	14.0	13.8	12.9	12.5	13.9	13.7	11.7	12.8	14.3	-4
San Francisco-Oakland, Calif.	53.5	55.1	55.6	57.7	58.1	56.6	55.2	54.5	61.2	63.2	64.3	-15
San Jose, Calif.	9.1	9.8	9.8	10.2	10.5	11.0	10.7	10.8	9.8	10.7	11.3	-4
Savannah, Ga.	3.7	4.0	3.9	4.1	4.2	4.2	4.2	4.4	3.0	3.0	4.3	+2
Seattle, Wash. ³	14.6	15.4	16.5	17.0	17.5	17.9	17.9	17.4	13.8	15.0	15.6	+12
Sioux Falls, S. D.	1.0	1.3	1.4	1.7	1.8	1.8	1.8	1.7	--	2.5	2.0	-15
South Bend, Ind.	2.7	2.9	3.2	3.3	3.3	3.3	3.3	3.2	3.3	4.4	3.7	-14
Spokane, Wash. ³	3.9	5.0	5.0	5.4	5.9	6.0	5.7	5.1	4.7	4.8	6.4	-20
Springfield-Holyoke, Mass.	6.1	6.7	7.4	7.6	7.9	7.8	7.9	7.6	6.8	8.3	8.4	-10
Stamford, Conn. ²	4.1	4.2	4.8	5.0	5.1	5.1	5.1	5.0	3.8	4.2	4.5	+11
Syracuse, N. Y.	5.8	6.0	6.5	7.0	7.2	7.4	7.3	7.3	7.9	7.0	7.8	-6
Tacoma, Wash. ³	4.3	4.8	4.8	5.2	5.4	5.4	5.4	5.3	3.6	4.2	5.0	+6
Tampa-St. Petersburg, Fla. ⁵	19.1	18.6	18.7	19.0	19.4	19.4	19.2	19.4	13.3	15.6	17.4	+11
Topeka, Kans.	3.7	4.0	4.7	5.5	6.4	6.5	6.4	6.4	3.0	3.5	4.2	+52
Trenton, N. J.	3.7	3.8	3.7	4.1	4.1	3.9	3.5	3.3	3.7	4.1	4.1	-20
Tucson, Ariz.	4.9	4.8	4.8	4.9	5.0	5.2	5.3	5.4	3.9	4.8	5.1	+6
Tulsa, Okla.	9.0	9.0	9.2	8.4	8.7	8.8	8.7	8.4	7.8	8.3	10.1	-17
Utica-Rome, N. Y.	2.5	3.0	3.6	4.2	5.0	5.5	5.2	4.8	3.9	3.6	3.6	+33
Washington, D. C.	39.4	40.3	41.3	40.8	41.1	41.2	40.8	40.4	40.2	44.1	44.4	-9
Waterbury, Conn. ²	1.8	2.0	2.1	2.2	2.6	2.6	2.6	2.6	2.0	3.6	2.3	+13
Wheeling-Steubenville, W. Va.	5.9	6.3	6.3	6.5	6.9	6.8	6.9	6.8	4.5	4.9	5.7	+19
Wichita, Kans.	6.8	6.8	7.2	7.6	7.7	8.1	7.9	7.6	8.5	8.6	7.9	-4
Wilmington, Del.	10.4	10.8	10.7	10.5	10.1	10.4	10.4	10.5	--	12.8	16.1	-35
Worcester, Mass.	4.0	4.2	4.5	4.5	4.5	4.7	4.7	4.5	4.2	4.9	5.1	-12

Source: Department of Labor.

¹ Data from January 1956 not comparable with previous periods because area was redefined (and data correspondingly revised) to include Clayton Co. as well as Cobb, DeKalb, and Fulton Cos.² Includes a small number of employees in mining.³ Not available.⁴ Data from January 1955 not comparable with previous periods because area was redefined (and data correspondingly revised) to include Henderson Co., Ky., as well as Vanderburgh Co., Ind.⁵ Data revised from January 1956.

NOTE: Revised statistics for months not shown here are available on request.

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Table G-5: Contract Construction: Indexes of Aggregate Weekly Man-Hours

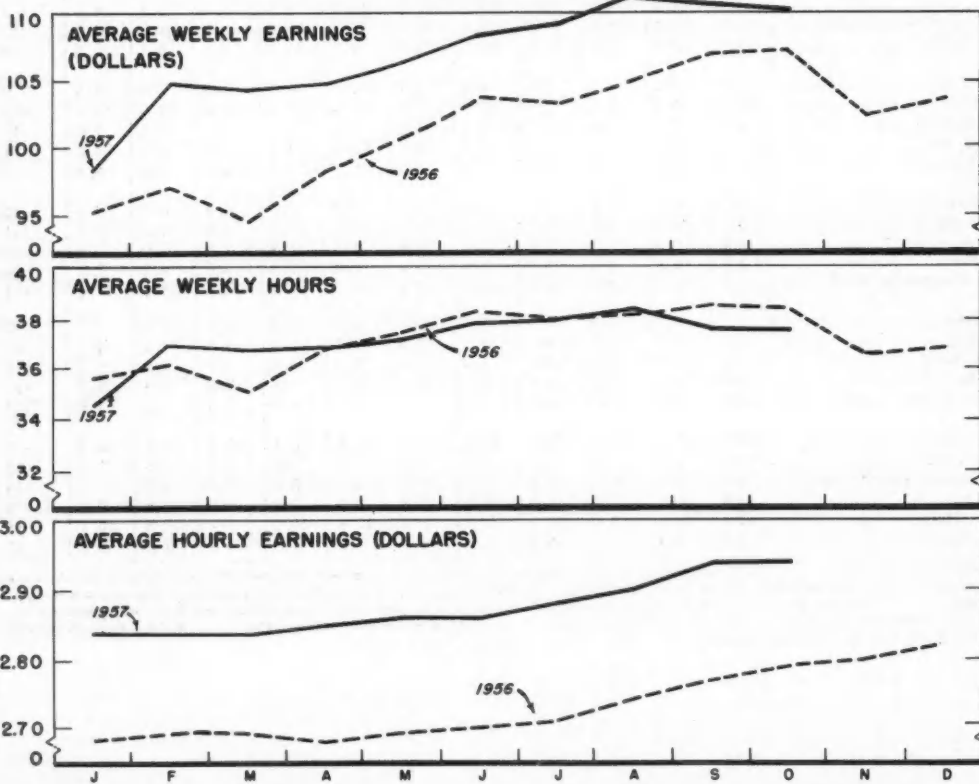
(1947-49=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	124.0	137.4	154.3	154.6	161.1	160.7	157.7	144.2	135.9	138.0
1957.....	112.0	119.8	123.0	131.1	141.4	151.5	154.1	157.4	153.9	149.5	130.2		

Source: Department of Labor.

Chart 14.

Hours and Earnings of Workers In Contract Construction



SOURCE: DEPARTMENT OF LABOR.

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Table G-6: Contract Construction: Hours and Gross Earnings of Construction Workers

Period	All construction	Building construction							Nonbuilding construction		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
AVERAGE WEEKLY EARNINGS											
Year: 1953.....	\$91.61	\$91.76	\$87.75	\$94.79	\$98.30	\$87.10	\$111.61	\$91.04	\$90.27	\$85.28	\$93.85
1954.....	93.98	94.12	89.41	97.38	102.71	90.39	112.71	93.19	92.86	86.88	97.36
1955.....	95.94	96.29	90.22	100.83	106.40	94.38	116.52	96.21	95.11	91.27	98.50
1956.....	101.83	101.92	95.04	107.16	112.31	100.10	125.61	102.39	101.59	97.63	104.94
1956: October.....	107.14	106.96	99.80	112.05	115.41	104.11	130.87	107.67	108.12	106.52	109.75
November.....	102.48	102.75	96.21	108.00	112.57	98.36	124.97	103.08	100.84	95.41	105.30
December.....	103.78	104.91	96.48	111.14	117.56	100.74	129.82	104.73	99.96	90.94	106.23
1957: January.....	98.55	99.57	89.76	106.45	115.67	97.28	127.65	95.93	94.86	83.90	101.73
February.....	104.80	105.63	98.19	111.33	116.89	99.57	130.75	104.25	101.38	93.09	106.50
March.....	104.23	104.76	95.93	110.96	116.97	102.31	131.26	103.49	100.47	91.77	106.35
April.....	104.88	105.70	97.46	111.33	116.97	102.31	130.48	105.14	100.88	93.37	106.54
May.....	106.39	107.02	99.00	112.61	117.73	104.14	131.66	107.04	103.88	96.64	109.93
June.....	108.11	108.49	100.65	114.58	119.42	105.55	134.06	108.84	106.63	101.33	111.32
July.....	109.15	108.93	102.03	113.34	116.80	105.95	132.83	108.60	110.77	107.01	114.05
August.....	111.07	110.48	103.79	115.63	120.74	107.76	132.50	110.60	112.41	109.06	115.30
September.....	110.84	111.14	102.65	116.55	123.77	107.57	134.30	110.88	110.16	104.00	115.89
October.....	110.25	110.53	102.65	115.97	121.79	105.79	135.09	110.67	109.21	103.34	114.51
AVERAGE WEEKLY HOURS											
Year: 1953.....	37.7	37.0	37.5	36.6	38.1	34.7	39.3	35.7	40.3	41.2	39.6
1954.....	37.0	36.2	36.2	36.2	37.9	34.5	38.6	35.3	40.2	40.6	39.9
1955.....	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.4
1956.....	37.3	36.4	36.0	36.7	38.2	35.0	39.5	35.8	40.8	41.9	39.9
1956: October.....	38.4	37.4	37.1	37.6	38.6	35.9	39.9	37.0	42.4	44.2	40.8
November.....	36.6	35.8	35.5	36.0	37.4	33.8	38.1	35.3	39.7	40.6	39.0
December.....	36.8	36.3	35.6	36.8	38.8	34.5	39.7	35.5	39.2	39.2	39.2
1957: January.....	34.7	34.1	33.0	34.9	37.8	33.2	38.8	32.3	37.2	36.8	37.4
February.....	36.9	36.3	36.1	36.5	38.2	34.1	39.5	35.1	39.6	40.3	39.3
March.....	36.7	36.0	35.4	36.5	38.1	34.8	39.3	35.2	39.4	39.9	39.1
April.....	36.8	36.2	35.7	36.5	38.1	34.8	39.3	35.4	39.1	39.9	38.6
May.....	37.2	36.4	36.0	36.8	38.1	35.3	39.3	35.8	39.8	40.1	39.4
June.....	37.8	36.9	36.6	37.2	38.4	35.3	39.9	36.4	40.7	41.7	39.9
July.....	37.9	36.8	36.7	36.8	37.8	35.2	39.3	36.2	41.8	43.5	40.3
August.....	38.3	37.2	37.2	37.3	38.7	35.8	39.2	36.5	42.1	43.8	40.6
September.....	37.7	36.8	36.4	37.0	38.8	35.5	39.5	36.0	40.8	41.6	40.1
October.....	37.5	36.6	36.4	36.7	38.3	34.8	39.5	35.7	40.6	41.5	39.9
AVERAGE HOURLY EARNINGS											
Year: 1953.....	\$2.43	\$2.48	\$2.34	\$2.59	\$2.58	\$2.51	\$2.84	\$2.55	\$2.24	\$2.07	\$2.37
1954.....	2.54	2.60	2.47	2.69	2.71	2.62	2.92	2.64	2.31	2.14	2.44
1955.....	2.60	2.66	2.52	2.77	2.80	2.72	2.98	2.71	2.36	2.21	2.50
1956.....	2.73	2.80	2.64	2.92	2.94	2.86	3.18	2.86	2.49	2.33	2.63
1956: October.....	2.79	2.86	2.69	2.98	2.99	2.90	3.28	2.91	2.55	2.41	2.69
November.....	2.80	2.87	2.71	3.00	3.01	2.91	3.28	2.92	2.54	2.35	2.70
December.....	2.82	2.89	2.71	3.02	3.03	2.92	3.27	2.95	2.55	2.32	2.71
1957: January.....	2.84	2.92	2.72	3.05	3.06	2.93	3.29	2.97	2.55	2.28	2.72
February.....	2.84	2.91	2.72	3.05	3.06	2.92	3.31	2.97	2.56	2.31	2.71
March.....	2.84	2.91	2.71	3.04	3.07	2.94	3.34	2.94	2.55	2.30	2.72
April.....	2.85	2.92	2.73	3.05	3.07	2.94	3.32	2.97	2.58	2.34	2.76
May.....	2.86	2.94	2.75	3.06	3.09	2.95	3.35	2.99	2.61	2.41	2.79
June.....	2.86	2.94	2.75	3.08	3.11	2.99	3.36	2.99	2.62	2.43	2.79
July.....	2.88	2.96	2.78	3.08	3.09	3.01	3.38	3.00	2.65	2.46	2.83
August.....	2.90	2.97	2.79	3.10	3.12	3.01	3.38	3.03	2.67	2.49	2.84
September.....	2.94	3.02	2.82	3.15	3.19	3.03	3.40	3.08	2.70	2.50	2.89
October.....	2.94	3.02	2.82	3.16	3.18	3.04	3.42	3.10	2.69	2.49	2.87
Percent change, October 1956 to 1957											
Avg. wkly. earnings ..	+2.9	+3.3	+2.9	+3.5	+5.5	+1.6	+3.2	+2.8	+1.0	-3.0	+4.3
Avg. wkly. hours.....	-2.3	-2.1	-1.9	-2.4	- .8	-3.1	-1.0	-3.5	-4.2	-6.1	-2.2
Avg. hrly. earnings....	+5.4	+5.6	+4.8	+6.0	+6.4	+4.8	+4.3	+6.5	+5.5	+3.3	+6.7

Source: Department of Labor.

(NOTE: Table G-7, Registered Apprentices in the Building Trades, scheduled for this issue, has been delayed. Data were last shown in the July 1957 issue.)

Construction Regulations

FHA Housing Credit Rules Amended to Reduce Family-Income Requirements and Increase Number of Items That May be Included for Computing Mortgage Amounts. (Federal Housing Administration Letter to Directors of Field Offices, dated December 6, 1957.)

On December 6, 1957, the Federal Housing Administration liberalized its rules for mortgage credit eligibility by:

(1) Reducing the proportion of family income a borrower must have in relation to the amount of the home loan to be insured by FHA. As a general guide, the amended rules allow the average borrower to support payments for housing expense (i.e., mortgage payments, taxes, insurance, and cost of maintenance, heating, and utilities) amounting to as much as one-third of the first \$3,000 of after-tax family income, plus one-fifth of the income above \$3,000. For example, a family with after-tax income of \$500 a month usually will be permitted to budget about \$143 a month for housing expense. This compares with about \$125 a month for housing under previous rules.

(2) Allowing the cost of kitchen appliances and certain maintenance-cutting items (such as adequate wiring, adequate insulation, wide overhangs, and long-warranty mechanical equipment) to be included in the total cost of the housing, for the purpose of determining maximum mortgage amounts for houses priced over \$12,000; the cost of air-conditioning may be included also in total costs for houses priced over \$15,000.

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